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Lancaster Farming

VOL. 10 NO. 17 | Lancaster Farming, Saturday, March 27, 1965 | $2 Per Year

JACOB HOUSER, JR.'s COWS SNUGGLE IN THEIR NEW BEDS. Houser has built 42 free-stalls to handle more cows with less effort. He finds that older cows take about two weeks to adjust to the stalls, but heifers take to them immediately. L. F. Photo

Free-Stall Housing Will Reduce Per Cow Handling Costs, Dairymen Report

(Ed note this as a two-part look at free-stall housing as a system of managing dairy cows Part I deals with observations on a medium-sized herd, and Part II with the experiences of a large operator over a three-year period)

PART I

by Everett Newswanger
Staff Reporter

"We believe we can handle 40 cows as easily as we could care for 20 cows," says Jacob Houser Jr, 1520 Lampeter Road, Lampeter "The only exception would be the longer milking time needed"

Jacob recently built a 18'x50' silo, arranged 42 free-stalls in a 50'x64' three-sided aluminum building; made a holding pen; constructed a bunk feeder; and dug a 39 ft x12ft-x9ft deep pit to hold all the accumulation of manure for a two-month period. A hay rack built on the side of the original barn can be filled from the hay mow.

Each free-stall is 4' wide and 7'3" long Bedding consists of sawdust placed on a base of crushed stones and ground limestone or sawdust on top of dry stable manure

"We have no trouble — no cows lay on the pavement," Houser said 'Our cows have become accustomed to the stalls in two weeks Heifers took to them immediately"

HANDLING THE MANURE

The entire area — barnyard and behind the free-stalls — is scraped into the manure pit every day except Sunday. This takes about one-half hour with the seven-foot blade behind the tractor Very little hand scraping is needed

In the pit the manure is mixed with water (all the available rain water is used) by an agitator run by the tractor power-takeoff shaft. Houser finds the main problems of liquid manure handling are: keeping the manure thoroughly mixed, having it

(Continued on Page 4)

Gov.'s Conference On Agr. Will Feature Farm & Business Panel

A special feature of the Governor's Conference on Agriculture which is to be held in Harrisburg on April 7 is an afternoon panel session that will reveal the progress made by some of the State's outstanding Agribusiness leaders and their future potentialities, as they see them

The four participants on the panel will be: Alan Wareheim, president, Hanover Canning Company, Hanover; Sam Dum, dairy producer, East Petersburg; Walter Wilmarth, poultry producer, Harford; and Siegfried Weis, president, Weis Markets, Sunbury

Dr. Russel E Larson, dean of the College of Agriculture, the Penn State University, will serve as moderator of the afternoon seminar He will also participate in the morning program, for which three outstanding education and industry leaders have accepted Governor Scranton's invitation to serve as speakers.

The morning speakers are Dr. Eric Walker, president, the Penn State University, Edmund Fallon, executive vice president and general manager, Agway, Inc., Syracuse, N.Y, and Bennett S Chapple, Jr, vice president, United States Steel Corporation, Pittsburgh.

The afternoon panelists are projecting their thinking forward to anticipate the ever-

(Continued on Page 8)

Weather Forecast

Temperatures for the five-day period, Saturday through Wednesday, are expected to average below normal. Normal for the period is a high of 54 and a low of 34 degrees. It will be cool throughout the period.

Precipitation is expected to total ½-1 inch. This will occur as rain through early Saturday and again Monday

Farmers Hear About Profit-Conservation Link At SC&WD Meet

Farmers in the northern part of the county were told this week that the understanding and application of sound soil conservation practices can mean increased farm earning power The discussion leader, Wayne F Maresch, county conservationist with the US Soil Conservation Service, pointed out that soils information can be used effectively in selecting the most profitable crop a farmer can grow under such given circumstances as soil type and condition, moisture, climate, etc Maresch illustrated his points with slides depicting the benefits of conservation

SCS Conservationists use the Lancaster County Soil Survey Report in making these

(Continued on Page 9)

Pa., A 10-Million Case Egg Market

Pennsylvania, with nearly 11 5 million people in 1964, ranks third in population among the 50 states If egg consumption averages 314 eggs per person, this represents an annual egg market of about 10 million cases. Of importance to Pennsylvania poultrymen is how this population is distributed throughout the state and the rate of population growth For purposes such as egg marketing it is necessary to consider population in and around cities with related economic systems

Metropolitan areas with a population of 100,000 or more account for a little over three-fourths of the state's population These 12 standard metropolitan statistical areas may include several urban centers and the surrounding area. All but three of these areas are

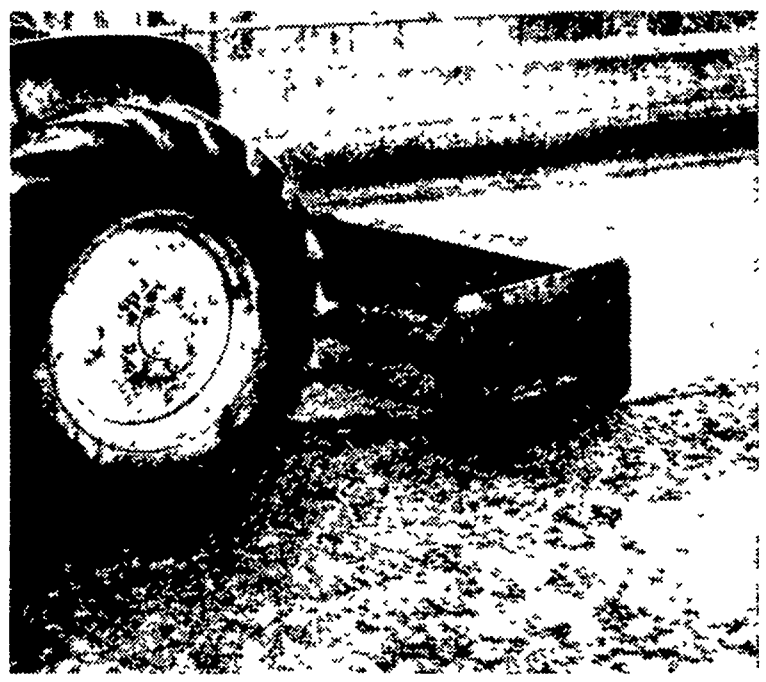
(Continued on Page 8)

Fertilizer, Key To Corn Profit In Dry Year Too

Given the right soil situation, corn can be grown profitably in Delaware even under extremely dry weather conditions Statistics, just released by the University of Delaware covering two dry years and one normal year, show that it was still possible to produce yields close to 100 bushels per acre in the dryest year The tests were conducted in 1962, 1963 and 1964.

The key to high yields was fertilizer use. Heavy applications gave big yields in a

(Continued on Page 8)



EVEN ON A WET DAY MANURE IS HANDLED EFFICIENTLY with this tractor-drawn scraper at the Stroud Dairy. The scraping and cleaning operation is performed daily by two men in about two hours. L F Photo

Poultry Short Course Set For April 6 and 7

Penn State University announced recently that the annual Poultry Sales and Service Short Course will be held on the University campus on April 6 and 7

Included in the program are such subjects as The Pennsylvania Started Pullet Program, Sanitation — the Key; Light Control Regimes, Housing — Equipment — Ventilation; A Vaccination Schedule to Live With, A Pullet Feeding Program; Coccidiosis,

(Continued on Page 9)

Farm Calendar

Mar 29 — 1:30 p m A joint Young Farmer Meeting at Lancaster Stockyards Subj: "What livestock to buy"
— 7 30 p m Cattle Feeder meeting at Brecht School, Lititz Pike, Lancaster Penn State specialists Lester Burdette and Dr Samuel Guss will discuss "Automation and labor saving" and "Disease and insect control"
— 7 30 p m Ephrata Young-Adult farm welding class. Subj. "Welding farm equipment, Part II"

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MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

March 26, 1965

Cattle 3350: Choice Slaughter steers 50-75c higher, instances $1.00 higher on weights over 1200 lbs.; Standard and Good 25-50 higher. Cows 50-75c higher. Bulls steady to 50c lower. Feeder steers fully 50c higher. Supply included about 65 percent Slaughter steers, 15 percent Cows and Bulls with the balance mainly feeder steers.

Slaughter Steers Choice 950-1350 lbs. 24 75-26.25, Load Choice with End Prime 1025 lbs. $26 15, Several High Choice and Prime 26 50-27 25, Mixed Good and Choice 1000-1300 lbs. 24 00-25 00, Couple loads near 1350 lbs 25 15, Good 22 75-24 50, Standard to Low Good 19 50-23 00, Utility 17 00-20 25.

Slaughter Heifers Choice 900-985 lbs 22 75-23 10, Standard and Good 700-975 lbs. 17 00-21 60

Cows Cutter and Utility closed the week at 14 25-16 00, Canner and low Cutter closed at 13 25-14 25, Few Shelly Canner 12 00-13 00

Bulls Good and Choice 19 50-21 50, Few 22 00-22 25, Utility and Commercial 17 50-20 00, Individual Utility 20 00-21 00, Cutter 16 75-17 50

Feeder Steers Load Choice and Prime 1100 lb carrying Low Choice Slaughter Finish $25 10 Couple part-loads 1075-1125 lbs 24 50-25 00, Choice 500-850 lbs 23 00-24 00, Mixed Good and Choice 575-850 lbs 22 50-23 75, Good 400 950 lbs 19 00-22 25

Calves 550 Vealers mostly steady Choice 34 00-38 00, Few individual High Choice and Prime 38 00-40 00, Good 28 00-35 00, Standard 24 00-28 00, Utility 20 00 25 00, Cull mainly 15 00-20 00

(Continued on Page 3)

Auction Only

March 24, 1965

Cattle 757 Supply included 80 percent Slaughter steers and 9 percent Cows. Slaughter steers uneven, Standard to Low Choice steady to weak; Choice steady to 25c higher; instances 50c higher on weights over 1200 lbs. Cows 50-75c higher. Bulls steady to strong.

Slaughter Steers Choice 950-1350 lbs 24 75-26.25, Several High Choice and Prime 26.50-27 25, Mixed Good and Choice 24.00-25 00, Good 22 75-24 25, Standard 19.50-23.00, Utility 17 00-20.25.

Slaughter Heifers Few Choice 900-985 lbs 22 75-23.10, Standard and Good 700-975 lbs 17 00-21 60.

Bulls Utility to Good 17 75-21 35, Cutter 16.00-17 75

Feeder Steers Good and Choice 775-1000 lbs. 21 75-23 75

Vintage Auction

March 23, 1965

Cattle 732: Slaughter steers 50-75 higher. Cows 25-75 higher, with most sales 50-75 higher. Bulls fully steady. Supply included 70 percent Slaughter steers and 24 percent Cows.

Slaughter Steers: Choice 1000-1350 lbs. 24.75-25.85, Few 26 00-26.25, Mixed Good and Choice 24.00-25.00, Good 23.25-24.50, Standard to low Good 20.50-23.00, Utility 17.00-21 00.

Cows: Cutter and Utility 13.85-15 85, few at 16.00-16.25, Canner and Low Cutter 13.00-14 00, Shelly canner 11.75-13.00

Bulls: Good 20.85-21.85, Utility and Commercial 18 00-20 25

Feeder Steers Good and Choice 700-935 lbs. 22.50-23 35.

Calves 380: Vealers strong to 2 00 higher Supply mainly Cull to Standard with Good and Choice vealers scarce Choice 34 50-39 50, Good 30 00-33 00, Standard 28 00-31 50, Utility 21 50-28 00, Cull mainly 17 00 21 00

Hogs 186 Barows and gilts mostly steady. US 1-3 185-240 lbs 18 25-18 60, 7 head US 1-2 180-215 lbs 18 75-19 00, Medium US 1-2 130 155 lbs 16 25 17 00

Sheep 16 Not enough of any one class to establish a market Few Choice and Prime 35-65 lb Spring lambs 36 00-41 00

At the Mar 20 hog sale 233 head were sold Market hogs weighing 160-180 brought 16 10-17 75, 180-200, 17 35-18 75; 200-220, 17 75-19 25, 220-240, 18-19, 240 and up, 17-17 75.

New Holland Auction

March 25, 1965

Cattle 1348: Good and Choice Slaughter steers 50-75c higher, with several High Choice and Prime $1.00 higher; standard to Low Good 25-50 higher. Cows strong to fully 50c higher. Good and Choice Bulls steady; Utility and Commercial steady to 50c higher. Supply included 23 percent Cows and 11 percent Bulls.

Slaughter Steers: High Choice and Prime 1050-1350 lbs. 26 50-27 35, 8 head 27.50-27 60, Choice 1000-1300 lbs. 24 65-26 50, Mixed Good and Choice 24.00-25.25, Good 22.75-24 00, Standard to Low Good 19 50-23 00.

Slaughter Heifers: Good 800-950 lbs 20 35-21 50, Standard 17 00-19 00.

Cows: Cutter and Utility 14 00-16 00, Few 16 00-16 35, Canner and Low Cutter 13.00-14 25, Shelly canner 12 00-13 00

Bulls Good 19 75-21 10, Few Choice 21 50-22 85, Utility and Commercial 17.50-20 85, Cutter 16 75-17 75

Feeder Steers Good and Choice 850-1025 lbs 22 50-23 35, Standard and Good 520-750 lbs 19 00-22 00.

Calves 368 Vealers mostly steady, although Cull and Utility steady to $2 00 higher Choice 34 50-39 50, Good 31 00-35 00, Standard 28 00-32 00, Utility 23 50-28 50, Cull mainly 17 00-21 00

Sheep 19 Not enough of any one class to establish a market Few Good and Choice 30-60 lb Spring lambs 31 00-35 00, Couple 20-30 lbs 37 50-41 00

The sale on Mar 24 saw 160 cows, 15 bulls, and 11 heifers sell slow to steady. Fresh Holsteins brought 250-330; Guernseys, 135-200; other breeds, 185-225. Bulls brought 140-215, and heifers 65-140.

Horses at the sale on Mar 22 sold steady with 274 head offered. Mules sold singly brought 110-165; in pairs, 300-320. Riding horses sold for 110-285; driving horses, 115-210; killers, 6-6½ cents per pound. Pony mares brought 30-100, and geldings 20-100.

At the hog sale on Mar 22, 470 head sold steady with some weaker by 25 cents. Market hogs retailed for 19-20; wholesale (U.S. 1-3), 18-18.75; heavyweights, 17.50-18.25. Sows sold for 12 50-14.50.

The 120 calves sold steady at the Mar 22 sale with Choice and Prime bringing 33-37.50; Good and Low Choice, 32-33; Standard, 29-32; Common, 12-25.

Chicago Cattle

CATTLE — Receipts for the for days 22,300 compared with 23,100 last week and 24,100 a year ago, twelve market supply 153,300 compared with 168,300 last week and 177,400 a year ago. Slaughter steers 50-1 25 higher with the full advance on high choice and prime Heifers mostly 50 higher Cows 25-50 higher. Bulls strong to 50 higher. In the early lot dressed beef trade steer beef 50-1 00 higher, heifer beef mostly 1 00 higher, cow beef 50-1 00 up.

Slaughter steers: On Wednes-

(Continued on Page 3)

ANNUAL QUARTER HORSE SALE

Monday Evening, March 29th

MARTIN'S SALES STABLES
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SALE LIMITED TO 75 HEAD

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Ontario, Calif.

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Sale Schedule

Monday: Horse Sale .... 10:00 A.M.
Tack Sale to Follow Horse Sale
Monday: Hog Sale 11:30 A.M.
Monday: Beef Cattle 2:00 P.M.
Sale Order — Bulls, Steers, Cows, Calves
Wednesday: Sale of Dairy Cattle 12:30 P.M.
Thursday: Sale of Beef Cattle 12:30 P.M.
Sale Order — Bulls, Steers, Cows, Calves

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Ph. New Holland 354-2194 New Holland, Pa.

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Every day we receive phone calls and letters from stockmen asking for our advice. Tom Brown, for example, wants to know when the best time will be to sell his lambs, and Jim Smith has a load of hogs to consign. Will Wednesday be better than Monday? And then there is Charlie Jones. He has a good load of cattle, and he wants to know how the market will be next month.

We feel flattered, of course, that so many people contact us. But then again, there must be a good reason for all this. Maybe it's because we've been at this business for 67 years. Or maybe it's because we have specialists in every department — cows, bulls, stockers and feeders, fat steers and heifers, lambs, hogs, and calves — who have the ability, knowledge and experience to give you honest advice and information.

So, do what Mr. Brown and Mr. Smith and Mr. Jones do. Call or write us anytime. You will be glad you did.

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Weekly Broiler Report

BROILER PLACEMENTS INCREASE 1 PERCENT

Placements of broiler chicks in the Commonwealth during the week ending March 20, totaled 789,000, according to the Pennsylvania Crop Reporting Service. The placements increased 1 percent from the previous week and 5 percent from a year ago Settings for broiler chicks totaling 1,401,000 declined 3 percent from the previous week but advanced 34 percent from a year ago. The current 3-week total of eggs set increased 22 percent from last year Inshipments of broiler-type chicks during the past 10 weeks totaled 627,000 or 80 percent above the comparable period in 1964 Outshipments (2,117,000) were 34 percent above the comparable period a year earlier.

Placements in the 23 major-producing states totaling 46,055,000 increased 1 percent from the previous week and 4 percent from a year earlier The 10-week total increased 5 percent from last year Settings of 63,711,000 were up 1 percent from the previous week and 6 percent from a year ago. The 3-week total increased 5 percent from a year ago.

Eastern Pa. & N.J.

Prices held unchanged on light type hens Demand fair. Offerings barely adequate to occasionally short. Demand fair on heavy type hens Supplies adequate Some inquiry developed for roasters with non-contractual offerings scarce Prices paid at farms: Light type hens 6-7c; Heavy type hens 18¾-21c.

Fogelsville

(Prices for dock weights, cents per lb. except where noted)

Hens, light type 6-9, 6-7. Hens, heavy type 8-26, 16-22 Pullets 17-41, 35-41. Roasters 15-40, 32-38 Ducks 30-35. Drakes 17-39, 36-39. Geese 29-31. Turkeys, toms 27-29 Turkeys, hens 31-40, 37-40 Rabbits 35-50, 46-50 Guineas 43-57, 49-54 Pigeons (per pair) 1 00-1 50, 1 00-1.10 Jumbo Squab 87½. Total coops sold 548

● Delmarva

The Delmarva broiler and fryer live prices declined nearly ½ cent; demand only fair despite frequent extension of pickup dates.

Ready-to-cook demand fair; however, practically no plants plan to operate Saturday Some retail features for next week

Delivered prices generally unchanged, though trending lower in an unchanged range

Estimated slaughter for Friday and Saturday, 707,000 head, compared with 700,000 head last weekend

Prices paid and reported purchases for the 24 hour period ending 10 30 a m Friday broilers and fryers, 15 9-16 9; 984,200 head, including 421,600 head purchased of 432,600 head offered at Eastern Poultry Growers Exchange, Thursday

Thirty eight percent of the broilers and fryers sold for 16 0-16 4 cents per pound

The Delmarva broiler-feed ratio for the week ending Mar 19, 1965 was 3 2, down two points from the preceding week. The average mash price was $103 06 per ton, and the average broiler price was 16 44 cents per pound

● Lancaster

(Continued from Page 2)

Hogs 1175 Moderately Active, Barrows and gilts steady to 25c higher Sows steady Barrows and gilts US 1-2 190-240 lbs 18 50-19 25, Early sales 18 50-19 00, US 1, 190-230 lbs 19 00-19 50, US 1-3 180-250 lbs 18 00-18 75, mainly 18 00-18 50, US 2-3 220-240 lbs 17 75-18 00, 240-280 lbs 17 25-17 75. Sows. 1-3 300-450 lbs. 13 50-14 50, US 2-3 400-550 lbs 13.00-14 00.

Sheep 200 Moderately Active, All classes fully steady. Mixed Good and Choice 75-100 lb wooled lambs 25 50-27 50, Good 23 00-25 50, Utility 20 00-23 00, Choice and Prime 35-50 lb Spring lambs 32 00-38 00, Mainly $35 00 37 00, Lot Choice and Prime 86 lb $34 00, Utility to Choice Slaughter Ewes $5 00-9 00

● Chicago

(Continued from Page 2)

1380 lbs 27 75-28 00, three loads 1325-1380 lbs 28 00, highest since September 30th, high choice and prime 1135-1400 lbs 25 50-27 50, late 26 50-27 50 including two loads 1135 lbs 27-25, choice 1150-1400 lbs 24 50-26 50, late 25.00 26 50, choice 1000-1150 lbs 24 00-25.50, late 24 50-25 50, loadlots mixed good and choice 23 75-24 50, load high choice and prime 1770 lbs 23 25, good under 1300 lbs 21 00-23 50, standard and low good 18 50-20 00, late sales holsteins 19 50 21 00, mixed utility and standard 17 50-18 50.

Feeders Six loads choice 934-960 lb steers 22 00-22 75, load good and choice 510 lbs. 22 50, load good and choice 785 lbs 21 00

Weekly New York Egg Mkt.

From Monday, March 22nd to Friday, March 25th

	Mon.	Tues.	Wed.	Thur.	Frl.
WHITE					
Ex Fcy. Hywts	35	35	35	35	35
Fcy Hywts	34	32½-33	33½	33½	33½
Fcy Med	31½	30½	30½	30-30½	30½
No 1 Med	29½	27½	27½-28	28	28
Pullets	27	26-27	26 27	26-27	27
Peewees	22	22	22	21	21
BROWN					
Ex Fcy Hywts	38½	38½	38½	38½	38½
Fcy Hywts	36½	35½	35½	35½	35½
Fcy Med	31½	31½	31½	31½	31½
Pullets	28	28	28	28	28
Peewees	22	22	22	21	21
MIXED					
Fcy. Hywts	34	32½-33	33½	33½	33½
Standards	30½	29	29	29½	31
Checks	28½	27	26	26½	27

TREND Market showing rather dull trading in many instances Mediums clearing here, but available at some outside points Undergrades are firm

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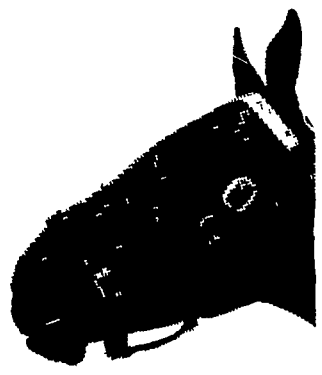

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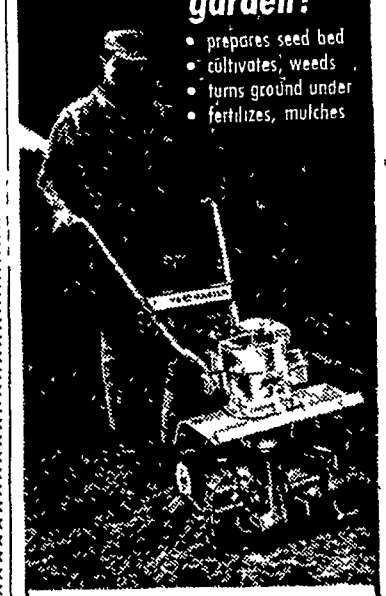

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From Where We Stand . . .

Out Of Sight, Out Of Mind

While this trite old expression may be suitable for many things, it definitely should not apply to pollution of our underground water supplies.

According to Dr. Grover H. Emrich, Pennsylvania Department of Health, this is the unfortunate attitude that seems to prevail. "It is normally more difficult to pollute these underground sources than surface water, but once polluted ground water may remain contaminated for 50-100 years," he warns. "Surface water, on the other hand, can recover rapidly once the source of pollution is eliminated."

Dr. Emrich claims that certain areas, such as those over limestone layers — as Lancaster County — are especially susceptible to ground water pollution due to improper waste disposal About 50 percent of the county is underlain by limestone, and about one-fourth of the ground water in that area is believed to be polluted, according to Dr. Emrich. These areas of pollution are naturally in the more densely populated parts of the county in and around the larger cities.

Emrich has observed that individuals, communities and industries are inclined to be quite lax in their attitudes about pollution of this important source of water as indicated by their careless disposal of wastes "People have been dumping their wastes into the ground for years," Emrich says "Since it goes out of sight, they have little further concern about it."

The State Sanitary Water Board has approved deep disposal wells in five areas of the state for safe disposal of industrial wastes. This was done only after careful study to be sure that drinkable ground water will not be polluted in the process.

As our county continues to suffer the pains of expanding population pressures this problem will become increasingly pertinent. It is one to which our communities must pay increasing attention.

What Do You Think?

★ ★ ★ ★

Cattle Cycle

All indications are that the cattle cycle is at a turning point. The "experts" seem fairly agreed that a decline in cattle numbers is in the offing for this year, in spite of the two-percent increase in cattle inventory on January 1, 1965. That increase was less than for either of the two preceding years.

The last downswing in cattle numbers was in 1955, and that lasted only three years Since 1958 the industry has been on an upswing. In the past year the rate of slaughter has been well above 1963 — 13 percent, and so far this year it is continuing near 1964 levels

Will this mean higher prices for cattle feeders? To a great extent that would appear to depend on the weather. If the wide-spread drought were to continue this year it would force higher movements of cow herds to slaughter Lacking that, it is predicted that prices for the balance of the year will remain near year-ago levels But the overall price trend appears favorable.

● Free-Stall

(Continued from Page 1)

free of hay and straw, and breaking the frozen chunks too large for the liquid spreader He has had no trouble with the spreader emptying the pit when the manure was completely mixed

The 775-gallon spreader uses a vacuum to pull the liquid manure through a four-inch hose from the pit In the field the process is reversed The manure is sprayed over a 20 ft. wide area by using about five pounds of pressure on the tank

The cows are milked in the 17 stalls in the original cow stable.

Jacob finds these definite advantages to the free-stall system 1) Cows are cleaner —no currying needed 2) less trouble with trampled teats to detect heat cows 4) cows and swollen knees 3) easier are healthier

Houser is sold on this way of handling cows "We have small acreage and went to this for year-around stored feeding" he said "Hired help is also a problem so we needed a one-man operation to handle more cows"

"We are very well pleased," he continued "But it cost a lot of money This is not an opinion — it is a fact" he amusingly concluded

PART II

by Don Timmons, Editor

"Free-stall housing cut our bedding costs alone from $15 per day per barn, to about 30 cents per cow for the whole winter," said Sherwood "Pete" Hufford manager of the Stroud Dairy Farm near Kennett Square

The Stroud Farm has completed three years with this system of management For one year prior to putting in stalls they used loose housing alone, and consumed about one-half ton of straw daily to bed the cows in each of two barns The savings from reduced bedding costs paid for the stalls the first year, Hufford calculates

COWS "TAKING IT EASY" IN FREE-STALLS AT THE STROUD DAIRY The stalls are raised about 8 inches above the concrete walkway, and they contain about 4 inches of packed sawdust over a sand and gravel fill. The stalls measure 4 feet by 8 feet and cost $16 40 to build, including materials, labor, and concrete walkway L F Photo

According to Hufford it cost $16 40 to construct each stall, including labor, materials, and an 8-foot wide concrete walkway between the rows of stalls There are 54 stalls in one barn, and 66 in the other The buildings are trussed, pole barns with the south sides open Hufford estimated building costs at $1 per square foot

Although the wood stalls the 4 feet by 8 feet, Hufford felt that a length of 7½ feet would be preferable since more of the manure would be dropped outside the stall Four inches of sawdust is used for bedding, and the stalls are completely cleaned about three or four times each year No time is spent currying the cows and yet they appeared remarkably clean The only daily cleaning maintenance consists of scraping the manure from the end of the stall onto the walkway From there the operation is mechanized A tractor with a rear scraper attachment pulls the manure from the walks into the concreted exercise yard From there it is pushed into

(Continued on Page 12)

Lancaster Farming
Lancaster County's Own Farm Weekly
P. O. Box 266 - Lititz, Pa.
Offices:
22 E. Main St.
Lititz, Pa.
Phone - Lancaster
394-3047 or
Lititz 626-2191
Don Timmons, Editor
Robert G. Campbell, Advertising Director
Established November 4, 1955. Published every Saturday by Lancaster-Farming, Lititz, Pa
Second Class Postage paid at Lititz, Pa. and at additional

THE BIBLE SPEAKS

International Uniform Sunday School Lessons

BY DR. KENNETH J. FOREMAN

Are You Ready?

Lesson for March 28, 1965

Background Scripture: Matthew 25
Devotional Reading: Matthew 25 31-46

AFTER a person has died, obituaries are written. People who knew the dead man (or woman) will recall the circumstances and achievements, if any, of the man who is now gone. His life and character will be judged by many, if he is a prominent person known all over the nation; or by few if his life was obscure. But judged he will be, more than ever in his lifetime, for good or ill. The story is closed, the evidence is all in . . . But no, it is not all in. There is much about every human being which others can never know. Only God has all the evidence, only God knows what the man was really like, inside. So God and only God can be the final judge. Only he can say Well done! at last.

Dr. Foreman

The door can be shut

Our Lord told a number of parables about the last judgment. It is true that many of his judgments do not wait for some Last Day; injustice and other sins are often punished almost soon as committed.

One of these parables is the familiar one about the ten maidens, five wise and five foolish. There are three points that most people would say are very clear here. One is that there is going to be a closed door, and not everybody will be on the same side. As has been said by a famous man, we should not feel too sure about the furnishings of heaven nor the temperature of hell; but we can't shut our eyes to that closed door. There comes a time when it is no longer possible to hope. There comes a time when choice is no longer possible, a time when the very One who invited you must say to you, "I never knew you." It is not true (though we may wish it were) that every soul on earth is heavenward bound. Some sin themselves—or sleep themselves!—into the outer darkness.

What you don't do

Those foolish virgins who found themselves shut out from the wedding feast could say truthfully that they had done nothing wrong. Maybe not; the trouble with them was not what they did but what they forget to do. They were not malicious nor selfish; they had simply not been thinking, they were not ready for a simple emergency such as the bridegroom's coming late. It is pretty easy to think of the bad things we never did, and take credit to ourselves for not doing them. It is easy to take credit for the good things we have done. It's a sorry sort of person who has never done something good! But these foolish girls were not shut out because of anything they had done; it was what they didn't do.

Fatal as sin

There is no parable of Five Wicked Virgins. Only of Five Foolish Virgins. Yet can just hear them saying, "I didn't think . . ." Not thinking was silly. But foolishness can be as fatal as sin. How often we hear the story, how often we have taken a part in it ourselves! "I might have known that remark would hurt her, but I didn't think . . ." "It never occurred to me how badly I had been treating Negroes . . ." "I had a chance at an education, but I was only a high school kid, and I didn't think . . ." "I wish I had let her know while she was living how much I appreciated her, but I never thought . . ." "The stuff had been in the refrigerator quite a while, but I didn't think. . ."

So it goes, and it will go, to the end of time perhaps. But it is not Judgment Day yet. Your list of "I didn't thinks" may be a long one; but you can stop adding to it today. Think! Are you ready?

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service.)

Now Is The Time . . .

To Spray Wild Garlic

Dairymen who have the problem of wild garlic in their pasture are reminded that early spring is one of the best times to spray the area, the use of 2,4-D in the esther form at the rate of one to one and-a-half pounds per acre each spring will go far toward the elimination of this weed By spraying very early in the spring the wild garlic plants are easier to kill and less damage is done to legumes in the pasture mixture

MAX SMITH

To Study Soil Test Report

As many farmers have learned, the complete soil test report has been changed in the past two years, most of the fertilizer recommendations are in pounds of plant food per acre rather than pounds of a certain grade of fertilizer. This requires some evaluation and planning in order to provide the needed soil elements We suggest that farmers follow the recommendations and with the use of the Agronomy Guide, figure the cheapest form of fertilizer needed to provide the requested amounts

To Add Phosphate to Manure

Barnyard manure continues to be an important source of plant food to local farmers. With the very heavy livestock and poultry population in this area, the proper care and handling of manure is essential If it is to be stored and held, it should be under roof where weather elements will not have a chance to leach out the plant food All manures are low in phosphorus and in this area the majority of soils are also low in phosphorus; this means that the adding of super-phosphate to manure will make it more balanced and useful. Phosphated manure will contain about 5 pounds each of nitrogen, phosphorus, and potash per ton; without being phosphated the amount of phosphorus per ton is only 2½ pounds.

To Force Easter Lambs

For many years the peak of the spring lamb prices has been at Easter time; many light-weight lambs will bring the same amount of money at Easter as they will several months later at heavier weights. We suggest a creep feeder for the lambs where they can eat liberal amounts of grain in addition to their mother's milk.

Below is the story you saw in Progressive Farmer describing the revolutionary fertilizer, Super Q.
Super Q Corn Starter is made exclusively by Miller Chemical & Fertilizer Corp.

In this advertisement, farm editor John Strohm reports you can satisfy some of the farmers all the time— but, still, that one farmer in five is mighty hard to please!

Top farmers forced us to develop Super Q

BY JOHN STROHM

"Let's face it: Most fertilizer companies had just not kept up with the breakneck pace of today's top farmer—the one farmer in five. He was demanding something no one could give him: a fertilizer made for *him*. *His* crop. *His* area. *His* methods. *His* goals. He's the fellow who forced us to develop Super Q.®"

Dr. Ray Starostka, a quiet man with a burning desire to see farmers break through present yield barriers, was telling me the fascinating story behind Super Q...how a select group of manufacturers pooled their resources... how they hired the best brains to develop a plant food so superior it is *guaranteed* to make top farmers more profit... how it has outyielded all other fertilizers on corn, barley, potatoes, cotton and tobacco.

Top farmers wanted, needed, and could afford the best that scientific know-how could devise—of this, Ray was convinced. And so he accepted what he calls a "dream assignment" to head up a task force of scientists, technicians and engineers.

"We were told to forget cost-per-ton," he said. "Instead, concentrate on *value to the farmer*. Nothing like that had ever happened in the fertilizer business."

Out of months of painstaking work—hundreds of tests, extensive fieldwork in many communities—came Super Q, a fertilizer that made history last year. It gave thousands of farmers significantly higher yields and larger profits—this despite the drought!

The reasons for Super Q's success boil down to three "exclusives":

1. *Super Q uses the forms of nutrients that are best for the plant.* Not what's cheapest, fastest or easiest for the manufacturer.
2. *Super Q is custom-made.* There's a different formula for each crop, each area. It's sold only to the "one farmer in five" who's going after record yields.
3. *Super Q is as up-to-date as your calendar.* Super Q formulas change quickly, change automatically every time new research, new engineering or changing moisture conditions dictate a revision.

Did you know that one 10-10-10 formulation can produce 25 bushels more corn per acre than another 10-10-10? It's so! Same numbers, true enough—but the nutrients are as different to the corn plant as hamburger and soybean cakes to you and me.

That's why numbers on your fertilizer bag tell you only half the story. You can see how many units of N, P and K you're buying, but not what form. Super Q uses only the best—*for your specific conditions.* (Example: Super Q for corn in Michigan is quite different from Super Q for corn in Ohio.)

I hear some bittersweet comments from manufacturers that Super Q is not easy to make. It frequently slows down plant production. It is more exacting to formulate. One plant had to install $65,000 worth of new equipment.

So, Super Q *does* cost more per ton. But the higher priced fertilizer can be the cheapest, and vice versa. I have just compiled a national study of farm records (1965—Ford Profit Planner): Average managers with 85-bushel corn yields had production costs of 83¢ per bushel and profits of $20 an acre. Top managers with 120-bushel yields, due in part to $10 an acre more invested in fertilizer and lime, had total production costs of only 70¢ a bushel and $37 an acre profit.

And no question that Super Q is the very best of all. When a top farmer buys Super Q, he can rest assured he is hiring the best brains of the agronomist, the weatherman, the soils expert, the chemist and the engineer. Best by just one yardstick: *profit.*

Next Month, Report No. 3:
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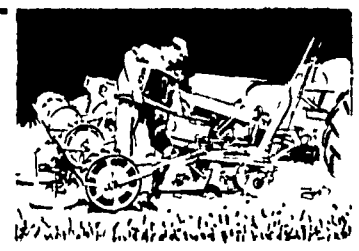

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Crop Roundup

Farmers' planting intentions were reported as of March 1st, and were announced recently by the Pennsylvania Crop Reporting Service. Figures reported here include tobacco, potatoes, corn and other grains.

TYPE 41 TOBACCO ACREAGE TO BE SAME AS 1964

As of March 1, Commonwealth tobacco growers planned to make no changes in acreage of Type 41, Pennsylvania Seedleaf This places indicated acreage for harvest in 1965 at 28,000 acres.

Although acreage harvested at this level is the same as last year, it is 2,200 acres below the 5-year average. Historic records show a record low of 18,000 acres harvested in 1934 and a record high of 49,000 acres harvested in 1918. In the past 10 years acreage has ranged from a low of 28,000 acres to a high of 31,000 acres.

Based on the 1959-63 average yield of 1,800 pounds, a crop of about 50 million pounds of Pennsylvania Seedleaf will be produced. This would be 2 percent more than the 1964 crop.

The acreage actually planted in 1965 may turn out to be larger or smaller than indicated by reason of weather conditions at planting time, the availability of plants, and the effect of this report itself. The purpose of this report is to assist growers generally in making such changes in their acreage plans as may be desirable.

PA. POTATO GROWERS PLAN 3% INCREASE

As of March 1, Commonwealth potato growers intended to increase their total potato acreage by 3 percent above last year. This places indicated planted acreage in 1965 at 40,000 acres.

If these intentions are carried out it would mean 1,000 more acres planted this year than last year and the highest planted acreage since 1961. The smallest acreage planted was 38,000 in 1963. The record high was 308,000 acres in 1917.

Based on the 1959-63 average yield of 193 hundredweight, production would be 7.7 million hundredweight. This would be 1 percent above the 5-year average, and 13 percent above last year's crop.

The March 1 intentions may or may not materialize depending on weather and soil conditions during planting time, labor and seed supply, current price and stocks situation and even growers reaction to this report. The purpose of this report is to assist growers generally in making such changes in their acreage plans as may be desirable.

U.S. Potato Intentions Up 7 Percent

Reported intentions of growers indicated plantings of late summer and fall potatoes in 1965 will total 1,196,500 acres — 7 percent more than in 1964. An increase is expected in 22 of the 33 states producing late summer and/or fall potatoes. The 11 states which expect plantings to be the same or less than 1964 have relatively small acreages and account for only 5 percent of the total late summer and fall acreage.

Based on an average yield per acre with an allowance for trend, production of potatoes from the indicated acreage of late summer and fall potatoes would be 237 million hundredweight, 17 percent more than 1964 and 5 percent more than 1963.

The acreage planted for winter harvest totaled 19,400 acres, 5 percent more than a year earlier. There were 35,000 acres planted for early spring harvest, 28 percent more than for 1964. Growers' intentions on January 1 indicate 114,600 acres planted for late spring harvest, an 13

(Continued on Page 7)

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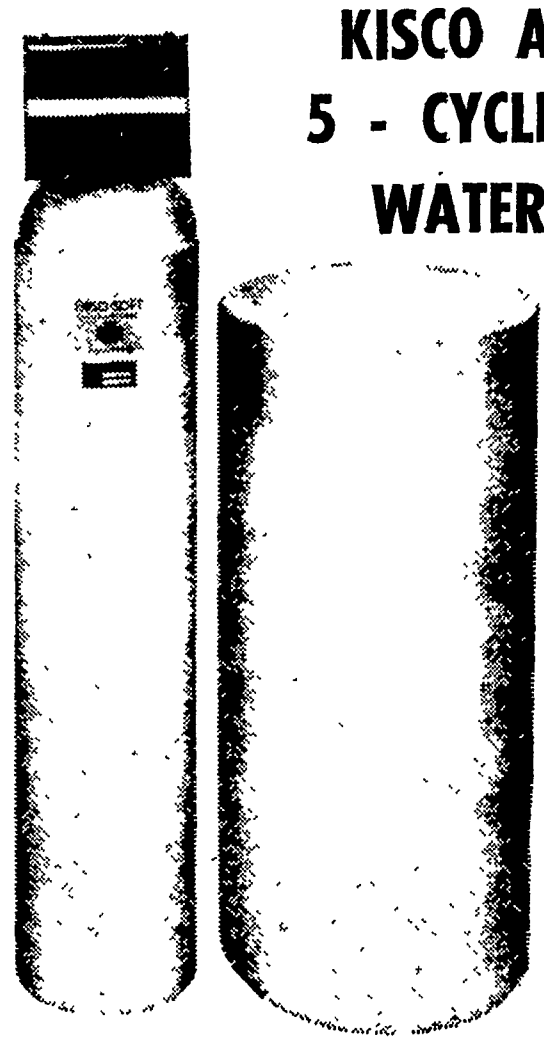

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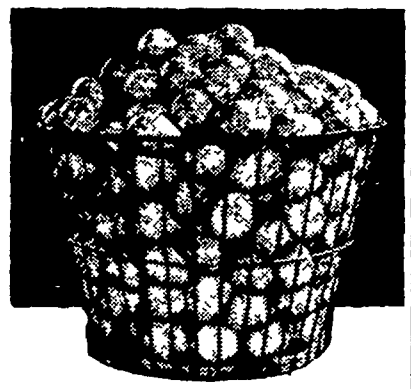

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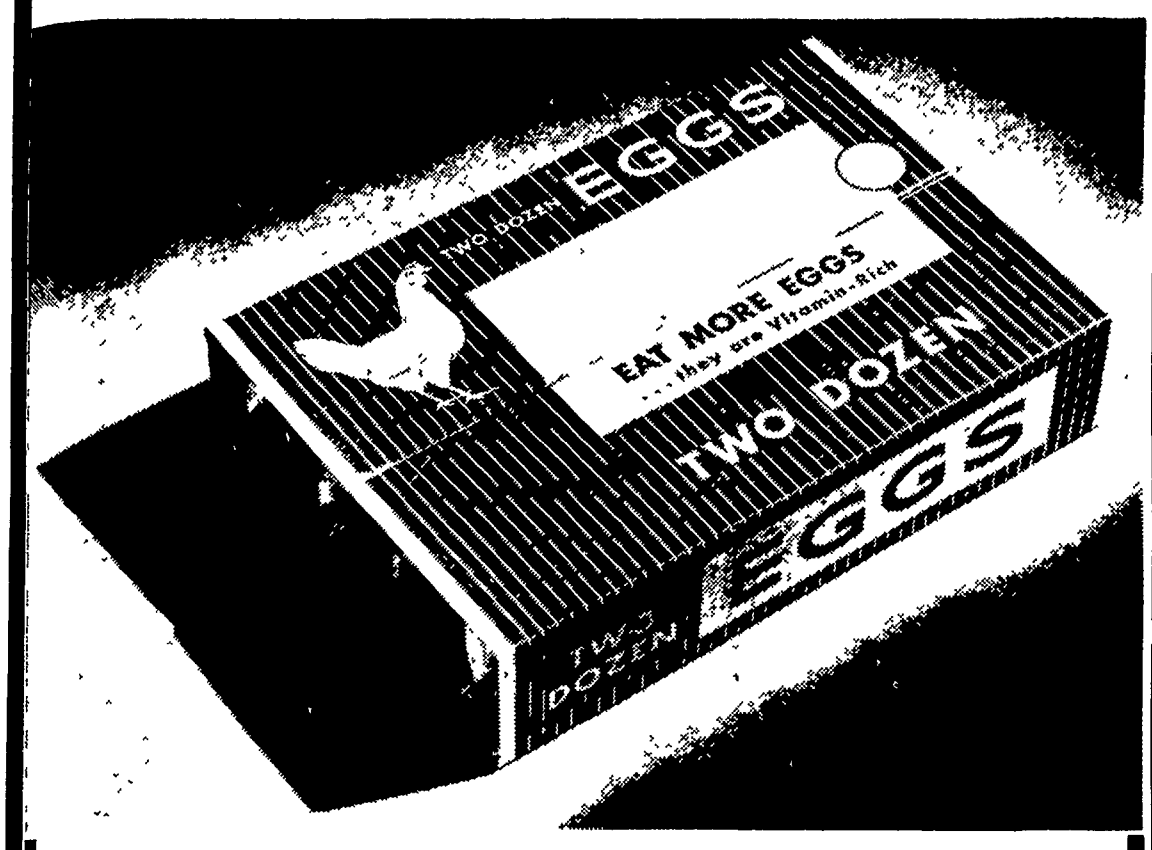

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Crop Summary

(Continued from Page 6)

percent increase. Reports of growers on February 1 indicated 79,400 acres of early summer potatoes would be planted, 3 percent less than 1964 — the only seasonal group to show a reduction in acreage.

For all seasonal groups, 1,444,900 acres will be planted if intentions are carried out, 7 percent above the total acreage planted in 1964 Based on average yields per planted acre with an allowance for trend by seasonal groups, total production from the 1965 expected acreage would be 282 million hundredweight. Potato production in 1964 was 243 million hundredweight and in 1963, it was 272 million.

PA. CORN ACREAGE UP

March 1 intentions to plant show an increase of 1 percent in corn acreage. Plantings of rye last fall were up 10 percent. Barley acreage planted last fall and to be planted this spring was up 4 percent. Hay acreage was unchanged but oats acreage declined 4 percent. Following three successive dry seasons for most of Pennsylvania, inventories of feed grains and hays are at relatively low levels and farmers are apparently intent on rebuilding.

If Pennsylvania farmers follow their intentions 1,213,000 acres will be planted to corn in 1965, an increase of 1 percent from the 1,201,000 acres planted in 1964 and 2 percent above the 1,195,000 acre average. Rye acreage planted last fall at 56,000 was up 10 percent from the previous year and was 60 percent above the 5-year average. This was the highest since 1942 although this acreage was equalled in 1956 and 1958. This should supply considerable spring grazing and help ease the drain on hay stocks. About one-third of this rye acreage will be harvested for grain. Barley intentions were up 4 percent to 175 000 acres compared with 168 000 acres a year earlier but were 8 percent below the 1959 63 average Oats intentions at 574-000 acres were down 4 percent from the 598,000 acres in 1964, 13 percent below the 5-year average and the smallest of record

Winter wheat planted last fall totaled 439,000 acres, down 12 percent from the 499,000 acres planted for the 1964 crop and 16 percent below the 5-year average of 524-000 acres. This acreage is the smallest of record but high yields such as the record high of 31 0 bushels per acre last year help keep production up.

Hay acreage intended for harvest was 2,123,000 the same as was harvested in 1964 and 1 percent above the 5-year average Livestock numbers are down but farmers evidently expect to rebuild reserves and avoid costly purchases to maintain their livestock programs

U.S. ACREAGE INTENTIONS

The Nation's farmers intend to plant 257 million acres of the 17 crops covered by the March 1 planting intentions

(Continued on Page 10)

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● 10-million Eggs

(Continued from Page 1)

located in the southern half of the state.

Not only have there been population increases in many of the major metropolitan areas, but also in the smaller cities and suburban areas. Between 1950 and 1960 there was a greater increase in population in the suburban areas than in the center city portions of the metropolitan areas. Population estimates for 1963 show a decline in population for the metropolitan statistical areas west of Altoona and in the northern half of the state.

There are, however, numerous urban centers in Pennsylvania with a population of 2,500 or more. These centers accounted for two-thirds of the state's population.

Smaller centers provide opportunities for numerous producers to retail eggs. In the larger metropolitan areas other marketing methods may be more efficient in providing many consumers with the quality and size of eggs desired. However retailing will continue to be an important outlet for producers in many, if not all, of these areas.

Even with many possibilities for retailing, opportunities vary throughout the state. Opportunities in the future will not only depend on the population in the area, but, also on the proportion of the consumers in a given area who desire to purchase eggs from producers. Another consideration is the proportion of consumers who are now buying direct from producers. In some areas the opportunities for additional producers to retail eggs are limited because of the number who are already performing this service. It will be more important than ever that those engaged in the retailing know what it is costing them to retail eggs in order to determine if this is the best method of marketing eggs for their situation.

● Fertilizer

(Continued from Page 1)

normal year. And even in a dry year yields were higher although there is some question about the economics of such fertilizer use.

In 1962 when rainfall was abundant, yields up to 125 bushels per acre were obtained using 200 pounds of nitrogen, 100 pounds of phosphorous, and 200 pounds of potash. In 1964 when the total rainfall during the growing season amounted to only 3.1 inches, yields dipped to 95.5 bushels with the same treatment.

Net profit per acre based on three levels of fertilization seems to indicate that a moderate fertilizer treatment is best during a dry year. Dr. William Mitchell, extension agronomist at the University who conducted the research found that the 200-100-200 level of plant food produced higher yields, but it cost too much. Over the three-year test period, a 50-25-50 level yielded the most profitable return per acre — $31.10 compared with $28.40 for 100-50-100, and $13.20 for 200-100-200.

Mitchell believes the maximum rate was too high for the soil type and weather conditions, and even under more favorable weather circumstances he feels that 100 pounds of nitrogen per acre would be more profitable.

● Gov.'s Conference

(Continued from Page 1)

growing requirements of a rapidly increasing population. Experts have predicted the population in the State and nation will double in the next 35 years.

It is believed Pennsylvania will be expected to play a increasingly important role helping to feed the people the Northeast and in the eastern section of the Midwest

One of the purposes of th conference is to determine th relationship of Agribusines to the state's economy and t bring into focus the thing that must be done if Agribus ness is to keep pace with a expanding economy and if is to satisfactorily provid services that will meet th needs of people.

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Eastern Director of Nutrition
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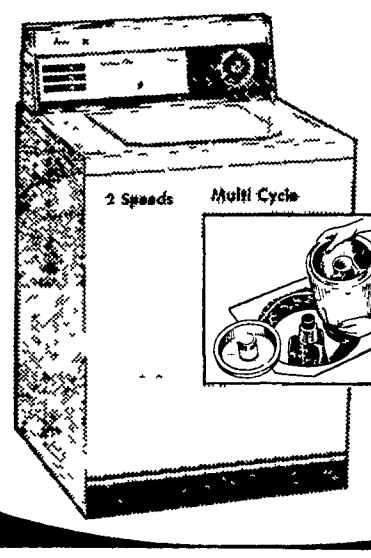

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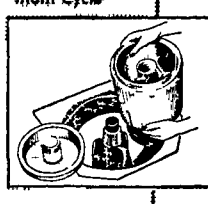
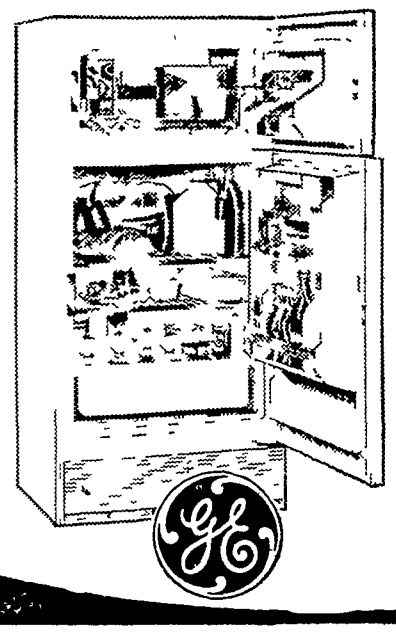


Mini-Wash gently launders in its 2-lb. basket within the big wash basket.

$209. W. T.

No Cash Needed on GECC Plan

2-DOOR REFRIGERATOR-FREEZER!



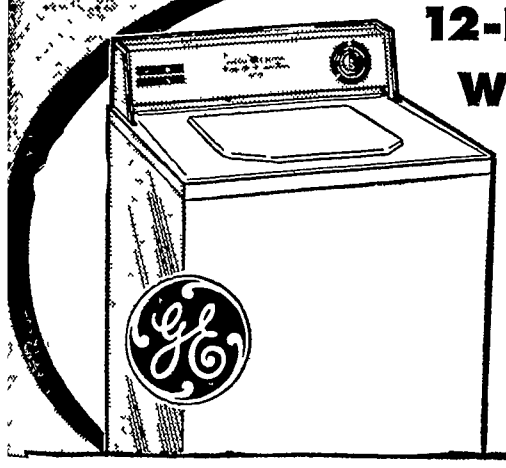
NEVER NEEDS DEFROSTING!

You never defrost refrigerator or big, zero degree freezer. Spacious shelves, including slide-out. Porcelain vegetable bin.

TB403Y

$248. W. T.

12-LB. FILTER-FLO WASHER!



Budget Beauty!

It's big, efficient and beautiful. AND IT'S A BUDGET SPECIAL! Just a few in stock See it at once — and you'll know this terrific bargain is for you!.

Value Priced at Just WA550Y

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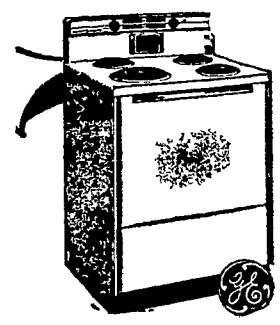
Automatic Hi-Speed Range! It's "Gift-Priced!"



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FREE $24.95 GIFT!

A free set of Wearever pans with purchase of most free-standing ranges.

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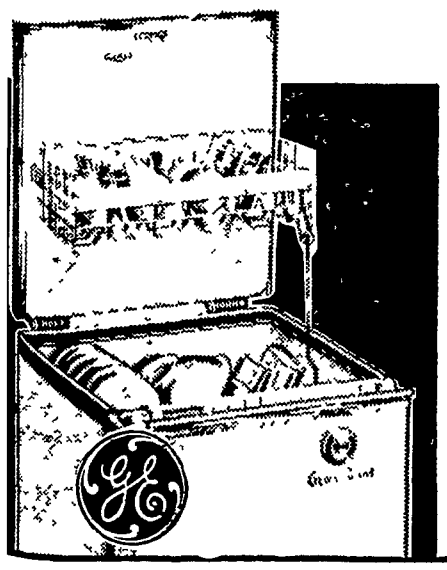
Let her cook and bake the fast, flameless, fun-filled way with this automatic beauty! Big, 23" master oven. Pushbutton control of surface burner heats. Easy to clean.



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Pushbutton control gives you exact cycle for dishes, utensils . . . *finest china!* Lift top rack. Automatic detergent dispenser.

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● Short Course

(Continued from Page 1)

Parasites, Etc.; General Brooding and Management; Health Management Program; Mycoplasma Controlled Exposure; Leasing — A Management Tool; Chickens Are Hysterical Too; Leukosis; Selling; Broiler Diseases — Gumboro, Synovitis, Leukosis; and Linear Programming.

In addition to staff members of the College of Agriculture at Penn State, William J. Benton, Professor of Animal and Poultry Industry, University of Delaware; John C. Huttar, Director of Poultry Industry Relations, Agway Inc., Ithaca, New York, and Harry P. Metz, President, Northeastern Poultry Producers, will present the program.

Any individual 16 years of age or older is eligible to attend the course.

The fees for the course are $10 for Pennsylvanians and $15 for non-Pennsylvanians.

A complete program, and other pertinent information may be secured by writing to the Director of Short Courses in Agriculture, Room 211, Armsby Building, The Pennsylvania State University, University Park, Pennsylvania. 16802.

● Conservation

(Continued from Page 1)

crop and land management determinations, Maresch said.

The meeting, held at the Rothsville Fire Hall, was designed to acquaint farmers with the county conservation program District Director Elmer Good, Lititz R1, organized and presided over the meeting; he was assisted by Director Aaron Stauffer, Ephrata R1.

Following Maresch's talk a lively discussion period was co-moderated by Good and Stauffer. Refreshments were served.

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OATS • FUNK'S G-HYBRIDS

4-H Club News

HOSLER ELECTED BY ELM-PENRYN CLUB

The first monthly meeting of the Elm-Penryn 4-H club on March 22, was held in the Penryn Fire Hall at 7.30 p.m.

Officers were elected for the forthcoming year as follows: President Michael Hosler, Vice-President, Dale Bruckhart, Secretary, Betty Sue Sauder, Treasurer, Donna Nissley, Game Leaders, Nancy Nestleroth, Jay Hess, News Reporter, Dale Bruckhart Song Leader, Donna Nissley Junior Leader, Mark Nestleroth, Eugene Hosler Leaders, Carl Nestleroth, Mrs. Mark Hosler, Mrs. Henry Hess.

A total of 22 people were present; they extended invitations to any other boys or girls to attend the next meeting which will be held on April 26, at the same time and place.

ANNETTE LONG TOPS WILDLIFE ROUNDUP

Miss Annette Long, daughter of Mr. and Mrs. Melvin Long, Lititz R3, won the annual roundup of the Lancaster County 4-H Wildlife Club Wednesday night.

Miss Long, club secretary, scored 96 out of a possible 100 points to top 10 finalists in judging, held at Lancaster Production Credit Association building, 411 W. Roseville Road.

Runnerup in the roundup was Michael H. Hosler of Manheim R3, with 94 points. Third place went to Eric Stoner, 1051 Eden Road, and fourth, Fay Stoner, also 1051 Eden Road.

Project scores were based on a test, meeting attendance, exhibits and project story. Exhibit judge was Glenn Herr, Manheim R1 feed salesman.

Other roundup finalists were Alta Landis, Carl Siegrist, Robert Ulrich, Paula Beatty, Theresa L. Charles and Robert Henry.

The club will meet April 21 to reorganize

● Crop Summary

(Continued from Page 7)

survey. This total is about the same as in 1964 but there are some dramatic shifts among crops. If growers carry out their plans for the 17 crops, and allowance is made for the other crops not surveyed in March, the indicated planted acreage of all crops totals 307 million acres for 1965, slightly more than last year's 306 million, but the third smallest planted acreage since records began in 1929. The record low is 301 million acres planted in 1961.

Of the spring planted crops, soybeans continue to lead in acreage expansion, 2.6 million acres above last year. Sorghum is second, increasing two-thirds of a million acres. Other crops with larger acreages expected for 1965 are all hay, potatoes, sweetpotatoes, and dry beans. Oats leads the reduction decreasing 1.5 million acres, followed closely by a 1.4 million acre decrease in barley. Cotton and corn each show expected declines about one-half million acres from 1964. Smaller acreages also are indicated for tobacco, flaxseed, spring wheat, sugar beets, dry peas, rice, and peanuts.

BARGAINS

ON

Tractors And Equipment

NEW

International Cub Cadet Tractor	$ 545.
Farmall Cub Tractor	1575.
1 - Furrow 12" FH Plow for Cub	60.
Cub Grader & Snow Blade	98.
Farmall 300 2 Row Cultivator	225.
Wheelhorse Tractor 6 H.P.	449.
2 Fur. Fast Hitch Disk Plow	175.
Super A 1-Fur. 14" M. Plow	75.
2 wheel tiltbed trailer 1000 lb.	125.
Cub 5' F. H. Disk Harrow	125.
2 wheel dump trailer	75.
Wright 20" Power Saw	155.
McCormick Cream Separator	75.
7 Ft. F. H. Disk Harrow	150.
Cub 4 row vegetable Planter	120.
Cub 1 Row Vegetable Planter	39.
22" Rotary Mower	59.
21" Self Propelled Rotary Mower	110.
Century Heater	110.
2 Pt. F. H. Platform Carrier	68.
Super C Fast Hitch Unit	250.
Cub Fast Hitch Unit	90.
Garden tractor with Cultivator	110.
McCormick 50 lb. stainless steel Milker pails	10.
Baler twine	8.95

USED

Farmall Super C. Tractor with F. H.	$875.
Farmall Cub Tractor	550.
Oliver 77 tractor	595.
Farmall M Tractor	795.
Int. Cub Cadet Tractor	429.
Cub 5' Mower	175.
Farmall 340 2 Row Cultivator	250.
Int. Cub Cadet Snow Blade	49.
2000 Watt Emergency Generator Unit	375.
Cub 1 F. 12" Plow	75.
2F. 14" trailer Plow on rubber	95.
3F. 14" trailer Plow on rubber	110.

TIRES AT 50% OFF

13-36 Rear Tractor Tire
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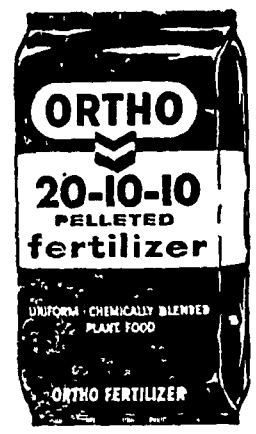

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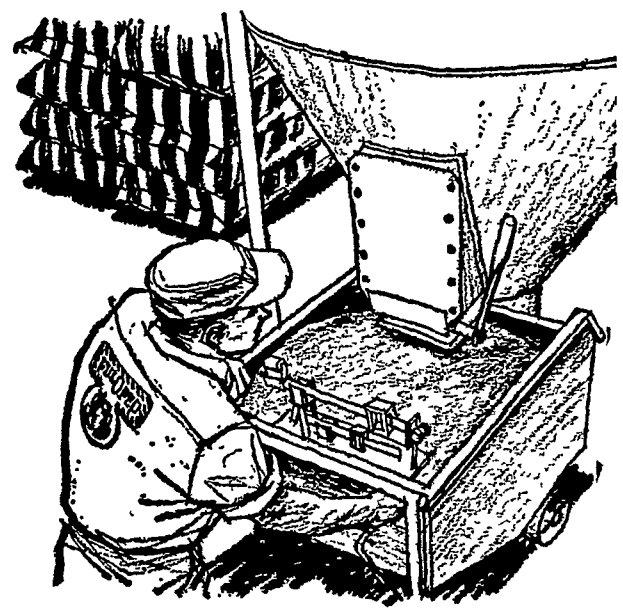

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Gap, Penna.

Stevens Feed Mill, Inc.
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Classified Ads

Farm Equipment

Close out prices on New Idea roll-a-bar rakes, P.T.O. and ground drive spreaders, and I.D. #40 combine. A. B. C. Groff, Inc., New Holland, Pa. Phone 354-9001.

For Sale: Fiberglass Oxygen Free Silos. No rust, acid resistant, won't chip, bubble, flake or crack. Sealed Storage Division, Curry Supply, Curryville, Penna.

For Sale — 20 gal. Meyers orchard sprayer. Ideal for wide washing or pressure washing. Ph. 569-1580.

Oliver 88; New Idea 750 conditioner; Super 6 Chieftain loader; 31 h.p. and 20 h.p. Wisconsin engines (overhauled); 9 h.p. Clinton engine—nearly new; used motors—7½ h.p. G.E., 220V, 1 PH; 7½ h.p. Franklin, 220V, 3 PH; 5 h.p., G.E., 208-230V, 3 PH; 3 h.p Century 1750, 230V 1 PH.

WILBUR H. GRAYBILL
Lititz 626-5221

Special — New hay crimpers $585; also used crimpers; new 175 bu. PTO spreader $695, Farmall Super A's, Cubs, 300's, M's, and super H's, Big selection of new and used side rakes and cultipackers Special price on lime drills and forage wagons 2 row high speed potato planter, good condition

KEENER EQUIP. CO.
Phone 569-9861
1531 Manheim Pike
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For Sale — Used loaders, good reconditioned loaders & scoops See us soon. Sauder Bros, New Holland, Ph 354-9801.

For Sale — Allis Chalmers C Tractor, fully equipped, overhauled and painted. Phone 569-1787

180 Amp. Lincoln Welder, New Price $95.00 Hiestand, Inc, R1, Marietta Ph: 426-9301.

For Sale — 10 & 12 can used milk coolers; one 300 gal. Wilson bulk tank, stainless steel, good condition. 1 used 200 gal. Girton bulk tank.

CLARK ELECTRIC
R1, Kinzers, Pa.
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MISCELLANEOUS

PIPE
Steel used No. 1 shape — 2, 3, 4, 6, 8 inch. Call 739-9040, Maryland Pipe, Box 394, Hagerstown, Md.

For Sale — 20 tons good Quality alfalfa-Timothy hay, $20 ton at barn. Penxsutawney, Pa Contact James Hixson, 9 E High St., Annville, Pa. Phone 867-7701.

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Also equipped for oil spraying in Poultry houses.

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Mr. Poultryman! You have a right to be an independent egg producer. We have appraised what you want and need to complete successfully in the production of market eggs. We are prepared to give you the means. Write Box B, c/o Lancaster Farming, P.O. Box 266, Lititz, Pa.

Good used poultry equipment: 1½ ton Dutchman cooler $200.00 each; Cooler doors $50.00 each, Nests with new bottoms 30c per hole; Rollaway nests Dutchman 1 year old $1.00 per hole, Brooder stoves $10.00 each, Bernard Shaiman Highway 9, Lakewood, N.J. Ph. 201-363-7492, Evenings 349-3061.

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STARTED PULLETS
Phone DeKalk York Hatchery, York 848-1770 or DeKalb District Sales Office, Lancaster 394-5157.

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VANTRESS
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For Sale: Dairy and beef-cattle farms, country homes, and town properties in beautiful Bradford County, Pa. "This is cattle country." Harold F. French, RE Broker, Troy, Pa. 16947

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Tappen gas ranges, Norge appliances, Quaker oil heaters and bottled gas service.

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LEGAL NOTICE

TO WHOM IT MAY CONCERN:

Notice is hereby given that the partnership, lately subsisting between PARK MILLER, R. D. #1, New Holland, Penna. and EDGAR ECKMAN, 95 East Main Street, Leola, Penna., under the firm name of Miller and Eckman, expired on March 4, 1965 in accordance with the provisions of the articles. The Way Oil Company, 1062 Old Manheim Pike, Lancaster, Penna. is authorized to settle and adjust all debts owed to and by the partnership.

Park Miller
Edgar M. Eckman

Dated. March 9, 1965

Stanley H. Deiter
Auctioneer & Appraiser
LAMPETER
Ph. Lancaster EX 4-1796

Auction

Farm Sale, Tues. April 6 at 11 A.M. at the Blanchard Farm, 3½ miles from Knoxville (Tioga Co.). Selling 50 home-raised, calf-vaccinated, interstate-tested Holsteins (a typey, milky herd!), all just fresh or close. 20 Hens. 3 Tractors, Baler, Harvester, Combine, Truck, Girton 400 gallon Bulk Tank, worlds of small tools. Hay, oats, silage. Quantity h.h. goods and antique items. 231A farm for sale with very liberal terms. Owned by Byron Blanchard and sold by Rumseys'.

Mail Box Market

For Sale — 50 Hot bed sash, cheap. Call after 5:00 P.M. Columbia 684-8039.

Wanted — Someone that could let me know where I could get some blue potatoes. Phone 626-5187.

For Sale — 30 gal. John Wood automatic gas water heater, good condition $20. Levi Shirk, R.D 2, Narvon, Pa., 3 mi east of Blue Ball on Rt. 322.

Wanted — Small cement mixer with or without motor. Call 872-7654.

For Sale — 3 gas brooders, A. R Woods. Phone 872-5710.

Help Wanted for dairy farming and custom work. Benjamin S Landis, 1361 Nissley Rd., Lancaster, Phone 898-6381.

For Sale — 1 stainless steel Pickwick chicken picker, ½ h.p, good condition. Paul F. Kalbfell, 602 S Lime St., Lancaster, Pa., Phone 393-9574.

For Sale — John Deere 14-T baler with bale ejector Used one season. New condition — reasonable. Call evenings after 6 or Saturday. R. K. Rohrer, Quarryville R1, 548-2559.

Help Wanted

Man to work on dairy farm, house and privileges Phone 215-593-6214 after 6 P.M.

PUBLIC SALE
— of —
Valuable Real Estate
to be held
Wednesday, March 31, 1965

On the premises adjoining the Borough of Elizabethtown, East of Williams Chevrolet Garage, along Schwanger Road.

Farm of one hundred (100) acres, more or less, with a lot of frontage along Schwanger Road, thereon erected a large double frame house, one side containing four rooms and bath, oil-fired furnace, hot water heat; the other side containing ten rooms and bath, wash house adjoining.

2-car concrete block Garage; large frame Bank Barn; Corn Barn; large Tobacco Shed with dampening cellar and stripping room.

This farm is practically all under cultivation except two acres of woodland, more or less. This is a very desirable place for farming or can be used for building development. May be offered as two separate parts or as a unit.

Immediate possession can be given.

Real Estate to be offered at 2:00 P.M., when conditions will be made known by

WALTER E. SHANK

Carl G. Herr, Attorney
Walter Dupes, Auctioneer

Holstein Assn. Hears Classifier At Barn Meeting

by Everett Newswanger
Staff Reporter

The official type inspector for the National Holstein Association, Ronald Chapman, Emmetsburg, Iowa, told 95 local breeders at John Harnish's Pondbank Farm, 1026 Beaver Valley Pike, Lancaster, last Friday evening that milk production comes first but a herd with good body conformation is a close second. "You are better off financially with good type," he said.

Speaking at the Lancaster County Holstein Association's annual barn meeting, Chapman urged the use of only one or two bulls as herd sires "People are a little lost in their breeding program," he stated "We have jumped around too much. The artificial breeding units are a 'God send' — just use them right." he cautioned.

To breed a uniform herd of cattle the inspector said that you need to classify your herd to know your major weaknesses and settle down to one or two bulls that are known to correct that weakness. "A bull stamps a pattern" the classifier continued. "But don't blame it all on the bull." Chapman credited the dam with at least 60 percent of the body type characteristics transmitted to the next generation.

There are 189 Holstein herds, with approximately 5,000 cows, now being classified by four inspectors in the southeastern Pennsylvania district classification program.

A SCENE AT THE HOLSTEIN ASSN. BARN MEETING. Checking type points are (l to r) Roy Book, Ronks, president; Arthur Wenger, Manheim, committee chairman, John Harnish, Lancaster, owner of the herd where meeting was held; and Ronald Chapman, Emmetsburg, Iowa, official Holstein classifier.

L. F. Photo

● Free-Stall

(Continued from Page 4)

a spreader in a pit, and hauled to the fields It takes two men about two hours daily to scrape and clean the barns.

The farm has a goal of 200 head milking They now have 185 head, including heifers that will freshen in April and May

The cows are milked in a herring bone, double-six milking parlor by two men The operation takes about four hours a day The cows are also fed their grain ration at this time with each animal receiving one pound of grain for each three pounds of milk

Hufford figures there is some loss in production with this system of management, but he feels the net economic advantage it offers a large herd far offsets the production loss. In spite of the addition of about 40 heifers to the herd each year, last year's DHIA record showed better than 13,000 pounds of milk with 493-pound fat average for the 140 cows on test

One difficulty with any form of loose housing can be the problem of catching cows for breeding if they are particularly skittish. Hufford said this is a very minor problem and one that generally causes them no trouble.

One of several interesting features of the Stroud operation is the 12-inch concrete curbing that runs the length of the feed bunk. Hufford said this has served two purposes: 1) the cows stand with their front feet on the curb and this keeps them in close to the bunk and discourages their pulling silage out and wasting it; 2) it also makes it difficult for "boss" cows to push others away from the bunk.

Corn silage is augered twice daily into the bunk from a hopper that is filled by a scoop on the tractor. The silage is hauled from a huge trench silo located nearby.

In addition to handling the 185-head herd, the three men and manager Hufford with the help of one part-time man in the summer also farm 175 acres of alfalfa, 120 acres of corn, and 80 acres of small grain, plus care for 75 head of heifers and Angus steers on another farm.

● Farm Calendar

(Continued from Page 1)

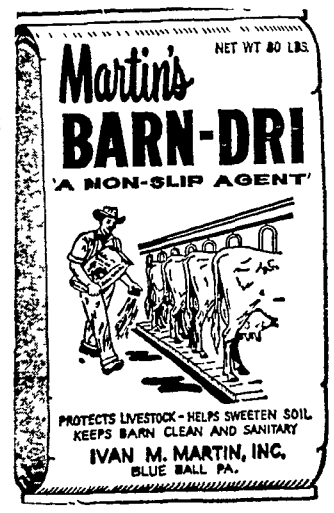
Mar 30 — 6:30 p.m. 4-H Leaders' Banquet at Hostetter's Banquet Hall, Mount Joy.

Mar 31 — Chester County Dairy Clinics: 1 p.m. at Honey Brook Fire Hall; 8 p m Oxford High School Library.

Apr 2 — 7:30 p.m. 4-H Tractor Club roundup and exhibit with presentation of awards, and 4-H Forestry Club exhibits — both at Farm Bureau bldg., Dillerville Rd, Lancaster.

Apr 3 — 10 a.m. Community Farm Sale in Georgetown sponsored by Bart Twp. Fire Company.

Martin's BARN-DRI



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- For all animals - cattle, sheep, hogs, horses, dogs, chickens and others

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NOW UNTIL APRIL 30th

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FOR FAST, FRIENDLY DELIVERY CALL

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Lancaster Farming

SECOND SECTION

Dairymen Can Beat Mastitis Ext. Man Says

Mastitis is not caused by milking machines — if they are working right and used properly. That's the belief of Dr. W. R Hesseltine, extension dairyman at the University of Delaware Speaking at a recent series of meetings, he said that dairymen should accept this fact and stop writing off a $500-a-year loss as part of the cost of modern milking practices. "Mastitis doesn't have to be a way of life for today's dairy cow. Unlike crabgrass, the solution isn't simply learning to love this condition"

The causes of mastitis are three rather simple mismanagement practices — faulty equipment, bad milking procedures and unsanitary conditions The solution is to prevent the infection from starting. An understanding of the causes will save a dairyman valuable time, cost less than treatment and most important

(Continued on Page 18)

USDA Proposes Pasteurization Of Egg Products

The U S. Department of Agriculture has proposed amendments to its regulations on grading and inspection of egg products, which would require pasteurization of egg products produced in official plants.

The proposed amendments would require pasteurization or testing of all egg products after June 1, 1965

This action, under the voluntary egg product inspection and grading program administered by the Poultry Division of USDA's Consumer and Marketing Service, is taken because pasteurization has been found to be an effective method of destroying bacteria, such as Salmonella, which can cause gastro-intestinal disturbances

Pasteurization under the program would be required for all egg products (except whites) after June 1, 1965, in all plants having proper facilities Plants not equipped for pasteurization on that date must have all these products tested for Sal-

(Continued on Page 19)

FFA Members Gain Experience In Agribusiness

by Robert Herr
Vo-Ag. Instructor

For the past six weeks there have been at least ten new faces among those employed at area agriculturally-related businesses These belong to senior students in Vocational Agriculture at Garden Spot High School They are part of a new type of program being developed called agribusiness There are ten schools in the state participating in a program to develop a study of agribusiness. One of the most extensive programs is at Garden Spot High School

The high school program has always included the study of agribusiness in its four-year vocational agriculture program, but this year an intensive unit is included in the senior year These ten boys have spent four afternoons a week, Monday, Tuesday, Thursday, and Friday, from 1 to 5 p m as employees in various local and area businesses This was the work experience phase of the agribusiness unit and lasted from February 1st to March 12th. On Wednesday afternoons the boys returned to the school to discuss their experiences and go over such topics as salesmanship, human relations problems encountered, income tax, social security, and any other points that seemed to need clarification A complete record book of their daily work experience was kept by each boy and these records were reviewed on Wednesdays

The businesses have been most cooperative in opening their facilities for this program Among those providing

(Continued on Page 16)

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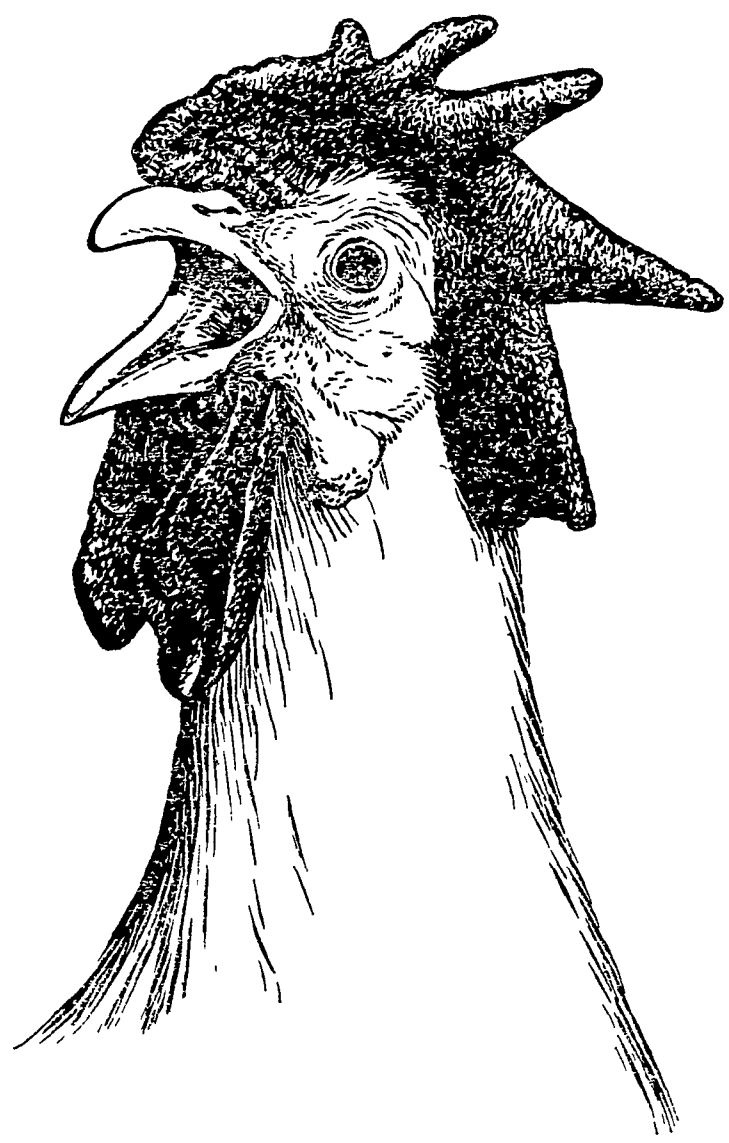

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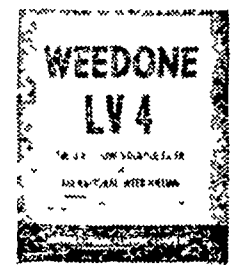

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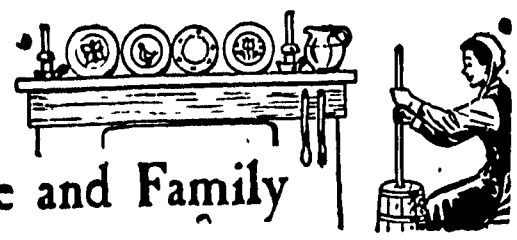

For the Farm Wife and Family

By Mrs. Richard C. Spence

SPENCE

Stuffed Vegetables

Many an economical meal can be made from stuffed vegetables Green peppers, tomatoes, squash, potatoes, mushrooms, cabbage, even cucumbers all lend themselves to making edible containers for cooked meats or fish Salmon has a wonderful adaptability to combine tastewise and colorwise with almost any vegetables in the world So that would make it a natural to use as a filling for green peppers We also have a recipe for Cheese-Rice stuffed peppers with a tomato sauce This tomato sauce could be used for the Salmon stuffed peppers too.

SALMON-STUFFED PEPPERS

6 medium green peppers
2 tablespoons butter
3 tablespoons finely chopped onion
3 tablespoons finely chopped celery
1 7¾ oz can salmon
1 cup instant rice
¼ cup chopped parsley
½ teaspoon salt
¼ teaspoon pepper
¼ teaspoon oregano
2 teaspoons chili powder
1 egg, slightly beaten
½ cup shredded cheddar cheese
1 1 lb can stewed tomatoes
2 teaspoons cornstarch
1 tablespoon cold water

Wash peppers Cut a thin slice from the top of each pepper Scoop out and discard membranes and seeds Place peppers in kettle, cover with boiling water and simmer for 10 minutes Drain and cool slightly In a small saucepan melt butter and in it saute onion and celery for 5 minutes or until onion is transparent Drain liquid from can of salmon into measuring cup and add water to measure 1 cup. Pour into saucepan with onions and celery and bring to a boil. Add instant rice, cover and remove from heat. Let stand, covered, for 5 minutes. Meanwhile mash salmon in large mixing bowl. Add rice mixture, parsley, salt, pepper, oregano, chili powder and egg and mix thoroughly. Empty tomatoes into baking dish. Arrange peppers in dish and fill lightly with the salmon-rice mixture. Top each with part of the cheese and bake in a 350 degree oven for 30 minutes. Remove peppers to serving dish. Place baking dish over direct heat and stir in the cornstarch mixed to a smooth liquid with the cold water Cook, stirring, for 2 or 3 minutes, or until liquid is slightly thickened. Serve the sauce separately.

CHEESE-RICE STUFFED PEPPERS

2 cups shredded Cheddar cheese
4 large green peppers
1 tablespoon butter
¼ cup chopped onion
1 tablespoon flour

Tomato Sauce:

10½ oz can tomato puree
1 teaspoon chili powder
½ teaspoon dry mustard
⅛ teaspoon paprika
1 cup milk
1 teaspoon Worcestershire sauce
4 cups cooked rice
½ teaspoon leaf oregano
⅛ teaspoon Tabasco sauce

Wash green peppers. Cut each lengthwise into halves and remove the stems and seeds. Parboil the peppers in a small amount of boiling water in a covered kettle, about 5 minutes. Drain. Melt butter in a skillet. Saute onion until soft. Blend in flour, dry mustard, and paprika. Slowly add milk and Worcestershire sauce. Cook and stir until smooth and well thickened. Add cheese. Heat and stir until cheese melts Blend in cooked rice. Fill each green pepper half with some of the rice mixture. Place stuffed green pepper halves in a baking dish Bake in a moderate oven (350 degrees) for 15 minutes.

Meanwhile, blend together tomato puree, chili powder, oregano, and Tabasco sauce in a saucepan Heat together for about 15 minutes. To serve, spoon some of tomato sauce over each green pepper half. 4 servings.

MEAT BALLS WITH BAKED SQUASH

12 oz. package frozen meat balls
2 acorn squash
1 teaspoon salt
1 teaspoon leaf thyme
½ teaspoon pepper
½ stick (¼ cup) butter or margarine, melted

Wash and cut squash in half and remove seeds. Add seasonings to melted butter. Brush squash with mixture. Place squash cut side down on a baking sheet. Bake in a moderate oven (350 degrees) 35 minutes. Turn, brush with seasoned butter and continue baking 25 minutes. Place frozen meat balls in a shallow baking pan Season with salt and pepper. Place in oven with squash during the last 25 minutes of baking. Drain meat balls Place 6 meat balls in each squash half. Spoon the remaining butter mixture over the meat balls before serving 4 servings.

(Continued on Page 15)

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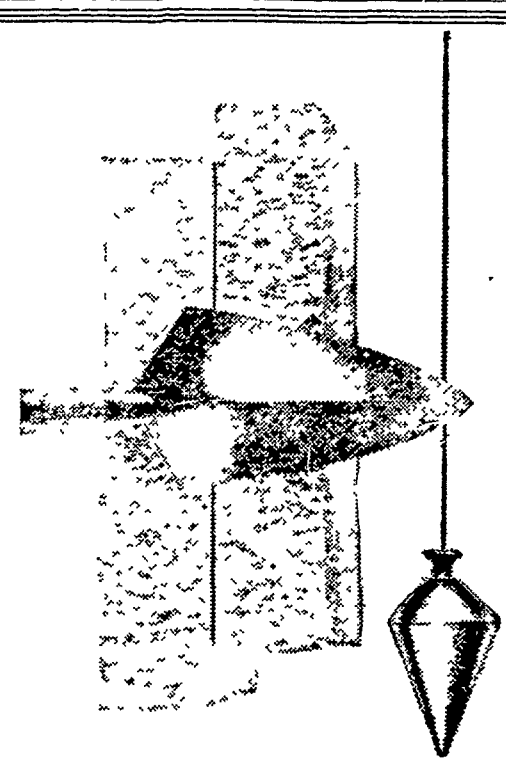

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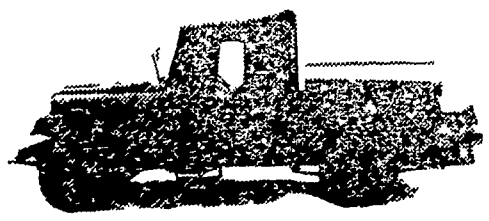

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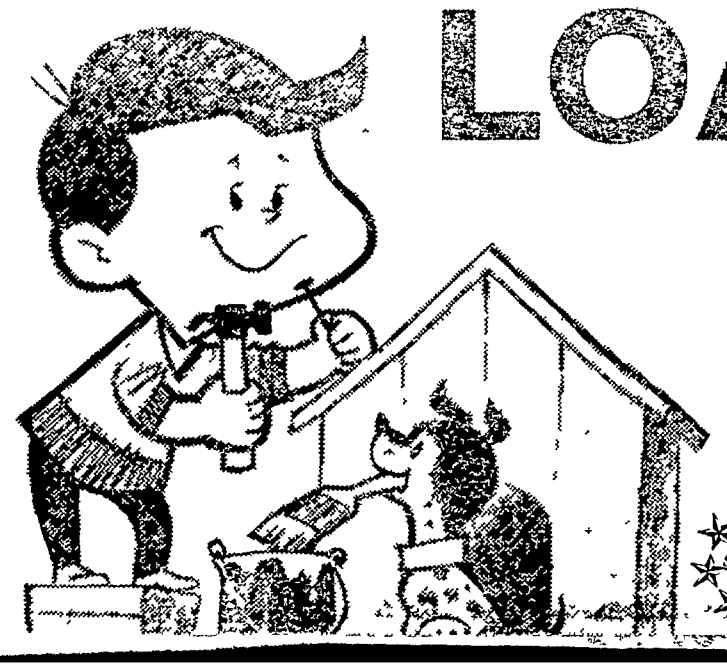

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For The Farm Wife

(Continued from Page 14)

BAKED STUFFED EGGPLANT

2 medium eggplants
1 cup finely rolled cheese-flavored cracker crumbs
3 8 oz. cans minced clams, well drained
2 eggs, beaten
1 clove garlic, crushed
½ cup ketchup
1 teaspoon salt
¼ teaspoon oregano leaves
⅛ teaspoon ground black pepper
Chopped parsley

Cook eggplants in boiling water 8 minutes on each side. Cut in half. Scoop out pulp and finely chop (about 2 cups chopped eggplant). Combine chopped eggplant with cracker crumbs and next seven ingredients. Blend thoroughly. Spoon into eggplant shells. Place on a baking sheet. Bake in a moderate oven (350 degrees) 40 minutes. Sprinkle with chopped parsley. Makes 4 servings.

BAKED STUFFED POTATOES

Scoop out cooked potato from 4-6 medium baked potatoes. Beat until smooth with 1 cup of cheese sauce, ¼ cup (½ stick) butter and ½ teaspoon salt. Refill potato skins and place in hot oven to brown.

GOLDEN CHEESE SAUCE

3 tablespoons butter
¼ cup all-purpose flour
1¼ cups milk
¼ cup minced onion
¼ teaspoon salt
¼ teaspoon dry mustard
1 egg, beaten
2 cups (½ pound) shredded Cheddar cheese
2 tablespoons (1 ounce) crumbled Blue cheese
2 tablespoons chopped pimiento

In a saucepan melt butter; blend in flour until smooth. Remove from heat, gradually add milk, return to range and cook over low heat, stirring constantly, until mixture thickens. Add onion, salt and mustard. Add small amount of hot mixture to egg; return all to pan. Blend in cheeses, stirring until melted. Add pimiento. Serve hot over broccoli, cauliflower, or asparagus. Makes 2 cups.

Water Belly Control Found

Ammonium chloride will protect sheep and cattle from urinary calculi ("water belly"), a disorder common to farm and laboratory animals, ARS-Texas research has shown.

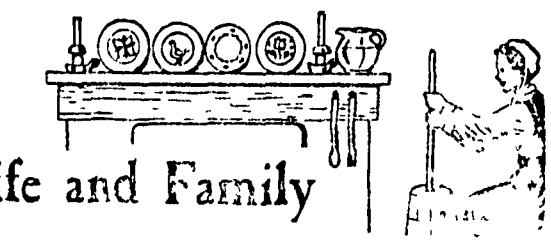
In animals with this disease, caused by various nutritional imbalances, stones form in the kidney and urinary tract, similar to kidney stones in humans. It affects sheep, cattle, mink, horses, cats, dogs, and laboratory rats.

By using ammonium chloride, available from any mineral supplement supplier, ARS and Texas A & M University scientists protected lambs and steers from illness and death in 3-year tests conducted at College Station and Big Springs.

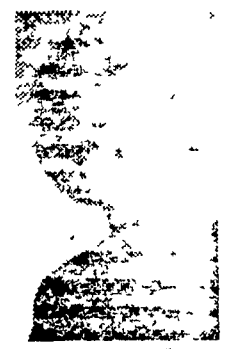
When test animals were fed

(Continued on Page 17)

For the Farm Wife and Family



Ladies, Have You Heard? . . .



THOMAS

A Do And Don't For Pesticides

Protect your skin with suitable washable or disposable covering when using a pesticide. If you spill a pesticide concentrate on skin or clothing, wash with soap and water and change clothing at once.

Don't let a pesticide come in contact with your skin for any length of time.

Good To Know Any Time

It there's no room in the vegetable crisper in your refrigerator, buy produce in polyethylene bags or wrappings. Such produce doesn't need the added protection of a crisper to stay fresh. But be sure the plastic bag or wrapper is ventilated before putting the produce in the refrigerator.

Never use steel wool or other abrasives on an enameled pan. Instead, to loosen food burned on enamelware, add two teaspoons of soda to one quart of water and bring to a boil, and let boil for a short time. This will loosen the food so you can easily remove it with a rubber scraper or a damp cloth and soda.

In making omelets and souffles, fold the heavy mixture into the beaten egg whites—not the whites into the other mixture.

For Safety's Sake

It's not a good idea to put a television set behind paneled walls, or in an enclosed area. A television set generates considerable heat, and if enclosed, it could become hot enough to start a fire.

A Tip on Egg Storage

Eggs must be kept cool and covered to preserve their quality. Always keep eggs in the refrigerator. Store in the cartons they came in or transfer them to the egg storage unit of your refrigerator. Place the eggs so the large end is up.

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(Continued on Page 18)

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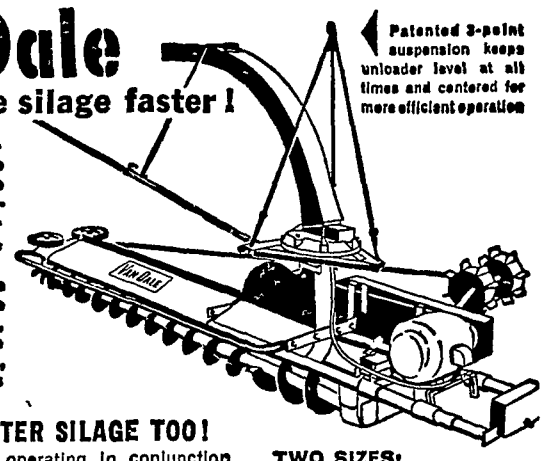

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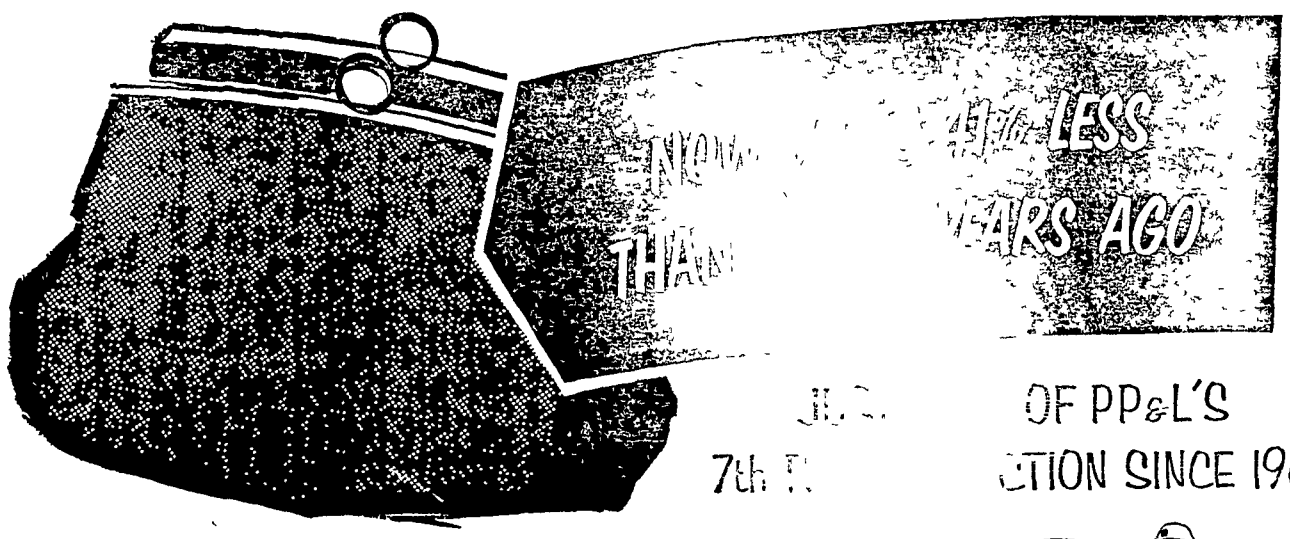

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ROBERT WEAVER, Narvon R1. gets a first hand account of the customer records kept at Agway, Inc. from Lee Thierweichter, manager of the cooperative. Bob spent one week each in the warehouse, behind the retail counter, with the delivery truck, with the field serviceman, and in the office.

● FFA-Agribusiness

(Continued from Page 13)

experience for the group of boys presently involved are Agway, Inc., Farm Bureau Co-operative, Earl Sauder's Feed Mill, Snavely Farm Equipment Company, Atlantic Breeders' Co-operative, New Holland Sales Stables, New Holland Machine Company, New Holland Supply Co., Victor Weaver's Poultry Inc., Groff's John Deere Agency, Sauder Brothers Ford Agency, and Honeybrook Animal Hospital. The boys are given their choice of businesses for the work experience and are given an opportunity to observe the entire operation from mechanical to sales in farm equipment, the whole operation in poultry processing including buying and sales, the various departments and units in manufacturing. The purpose of the program is to expose each boy to as varied experiences as possible.

(Continued on Page 17)

New low-cost, plastic-coated structural material produced by Container Corporation of America was used for walls and ceilings of this dairy barn operation in Pennsylvania. Called Concora-Ply, the new material is a pre-finished fibre board which is used in place of combinations of more conventional materials for interior wall paneling and ceilings. Concora-Ply was developed by CCA's Research and Development Center, Oaks, Pa. Call Kuipers Bros., New Holland 354-5146 for the name of your nearest franchised dealer. —Adv.

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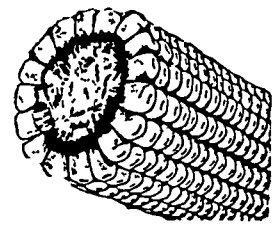

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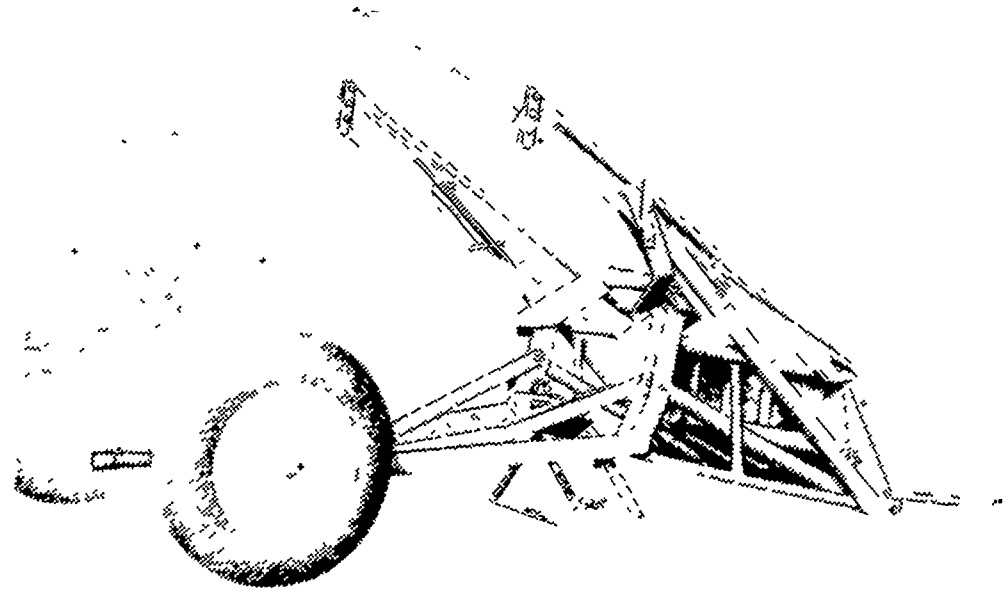

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● FFA-Agribusiness

(Continued from Page 16)

The agribusiness program is designed to meet present and future needs for more skilled people in non-farm agricultural occupations. It is a fact that only 11% of our population in the United States is employed directly in farming, but 40% of the population is employed in an agribusiness dependent upon farming. The time is gone when every rural boy interested in agriculture can find a place on his own farm, and people interested in agriculture, with farm backgrounds, are needed in the growing industries which surround agriculture. This work experience gives the boy an opportunity to personally explore some of the available opportunities.

The cooperation of the participating business people has been excellent, and there were more opportunities than boys this year. It is hoped that the program will prove useful and will be expanded in the future. The seniors participating in the agribusiness work experience phase the past six weeks were: William Fisher, Robert Yelk, Robert Witwer, LaVerne Good, Fred Nolt, Jerry Trout, Marlin Benner, Raymond Bowman, Warren Good, and Glenn Hoover.

RAYMOND BOWMAN, East Earl R1, spent six weeks at Victor Weaver's Poultry Processing Co Here he is packaging fresh poultry. Ray spent one week each with the poultry buyer, retail store, egg department, assembly line, maintenance dept., and in the records office.

MARLIN BENNER, Denver R1, a senior Vo-Ag student, spent three weeks working at Sauder Bros. Ford Equipment Co., and at Snavely's Farm Equipment Co. He is shown here learning the finer points of overhauling a tractor engine from Alvin Martin, Service Mgr. at Snavely's.

● Water Belly

(Continued from Page 15)

a basic diet of sorghum grain, cottonseed meal and hulls, and molasses — without ammonium chloride — 38 percent of the lambs and 83 percent of the steers developed urinary calculi

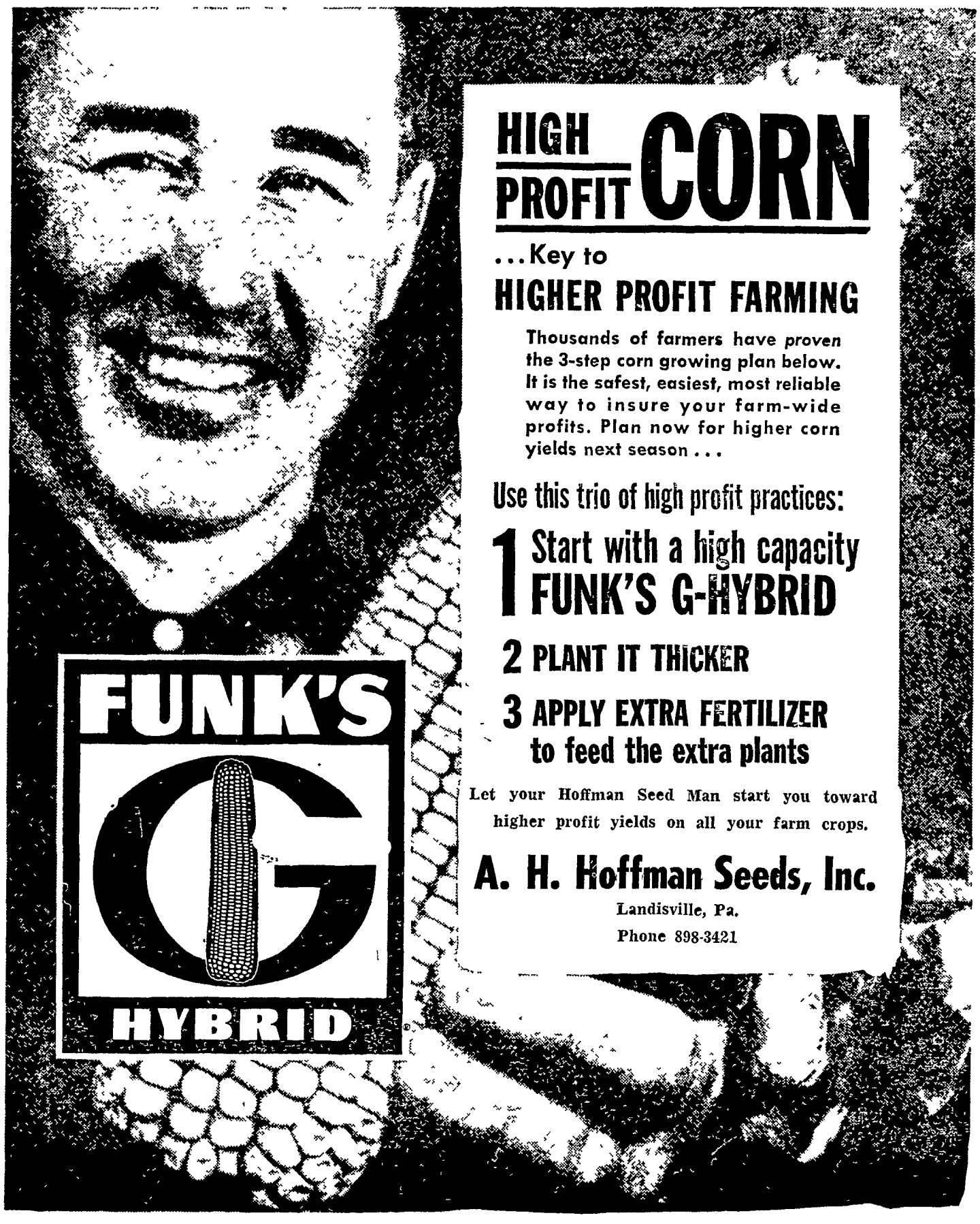
When ammonium chloride was added to the basic diet, the incidence of stones was entirely eliminated among the steers and reduced to 10 percent among the lambs The ammonium chloride was fed at a rate of 1½ ounces daily to the steers and ½ ounce daily to the lambs

Stones among those lambs still affected after treatment were very small and passed easily in the urine None of the test lambs fed ammonium chloride became ill or had stones in the urinary tract when they were slaughtered.

Sodium chloride (table salt) is added to the diets of farm animals in certain areas of the Southwest as a control measure against urinary calculi In the Texas tests, however, sodium chloride reduced the incidence of the disease by only 7 percent, and some of the lambs still became ill. Tests with other susceptible animals are planned

In the 3 year test, 83 percent of steers on the basic diet had stones in their bladders None of the steers supplemented with ammonium chloride had stones

Ammonium chloride is the best supplement found, to date, for lambs and cattle Research on other susceptible animals will have to be conducted before it will be known if this supplement will universally reduce incidence of calculi.



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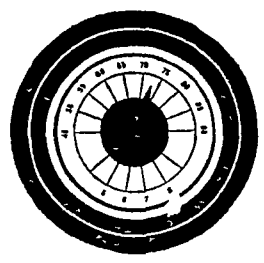


Housewarming

Drop for drop, Texaco Fuel Chief is the best housewarmer money can buy. Texaco Fuel Chief is the dependable, economical heating oil that burns clean, burns completely. You'll get full value from every tankful. Give us a call; we're always ready to serve you.

Fuel Chief HEATING OIL

We Give S & H Green Stamps

Garber Oil Co.

Distributor
Texaco Fuel Chief
Heating Oil

MOUNT JOY, PA.
Ph. 653-2021
105 Fairview St.

● Mastitis

(Continued from Page 13)

pro·ide la·ge amounts of a clean wh·· ·· product.

Alert d· ··· proving that ma· ··· be licked accord· ··· And they are s· ··· at the same time C· ··· con ducted at the U· ··· of Colorado ··· ··· dairymen wh· ··· mitation ··· Using procedu· ··· ted then ··· cli- inated ··· ··· then h· ··· Three months.

Hes· ··· steps for elim· ··· (1) Unders·· ··· Using machine· ··· are it is used ··· right amount of vac· ··· lines and a clean p·· ·· that is functioning right are the heart of the unit. A mal-functioning unit may prevent blood from returning to the udder This is a sure way to cause mastitis. (2) Keep the milking unit clean. Wash and scrub all parts after use Inflations should be changed each week and the idle set stored in a lye solution. Inflations made by the milking machine manufacturer are likely to be more satisfactory. (3) Fight bacteria. This includes preventing injury to cows, clipping and dehorning and good sanitation practices such as adequate drainage and paved areas. (4) Perform proper udder massage about one minute prior to attaching the milking unit Milk serves as a lubricant during the milking process and prevents injury from tissue rubbing against tissue (5) Always use a strip cup on each cow at each milking This completes letdown, cleans teat canals and helps the dairyman locate infection. (6) After each cow is milked, rinse teat cups in water and then dip in a sanitizing solution. (7) Use the machine for stripping but be sure the machine is not operating after milk flow is completed. This is sure to cause udder injury, and invites mastitis — causing bacteria (8) Keep udder records on each cow including testing and treatment. (9) Don't overload the milking machine operator. One man can properly handle two buckets, three pipe line units or four parlor units.

Hesseltine suggests these added precautions:

'Test milking unit pumps with an air flow meter to insure proper vacuum.

Locate the vacuum controller at the end of the line away from the milking unit. The incoming air will help keep lines clean and dry.

Provide an atmosphere of clean living around the dairy barn with proper drainage and removal of items, that could injure udders.

Hesseltine points out that bacteria which cause mastitis are usually harmless to a healthy udder. It is only after the udder is damaged that infection starts. Then it is a struggle to eliminate the infection and get the udder healed. Once infection occurs the udder never returns to its full production potential.

SALE REGISTER

Saturday, March 27 at 11:30 A.M. Public Sale 43 head of outstanding Holstein - Dairy Cows and farm equipment at 1 mile north of Sadsburyville, Pa., Rt 30, Chester Co., turn north at Sadsburyville Hotel. Terms by Herbert Mowery and Earl Hartsoe.

Monday, March 29, at 11:00 A.M., 1965, Parkchester Farms Complete Dispersal (with exception of few blemished cows) at the farm located on Rte. 22 on east edge of city of Harrisburg, Pa. Terms by Park Sheesley.

Wednesday, March 31, 1965, on the premises adjoining the Borough of Elizabethtown, east of Williams Chevrolet Garage, along Schwanger Road. Terms by Walter E. Shank

Saturday, April 3, 1965 All Day Commission and Donation Auction starting at 9:00 A.M, located 6 miles Southeast of Strasburg, along Route 896 in Village of Georgetown, Lancaster County, Pa. Terms by Bart Twp. Active Firemen.

● Have You Heard?

(Continued from Page 15)

Carrots are an all-purpose vegetable. You can serve them raw as a finger food or in salads, you can put them in stew or soup, or you can serve them as a vegetable. Raw carrots make a vitamin A-rich, low calorie snack.

Transfer Milk Efficiently From Cow to Bulk Cooler

The "Sputnick" MILK-PORTER is the cleanest, most efficient method for transferring milk from cow to bulk cooler.

- Manufactured from heavy gauge stainless steel.
- Lid seals tightly to keep milk germ free.
- Passes through opening 29" and over.
- Moves quiet and easily on rubber-tired, ball bearing wheels.
- Does away with long, expensive pipe lines, milk pumps and releaser.
- Two sizes.
- Low-cost sanitizing.

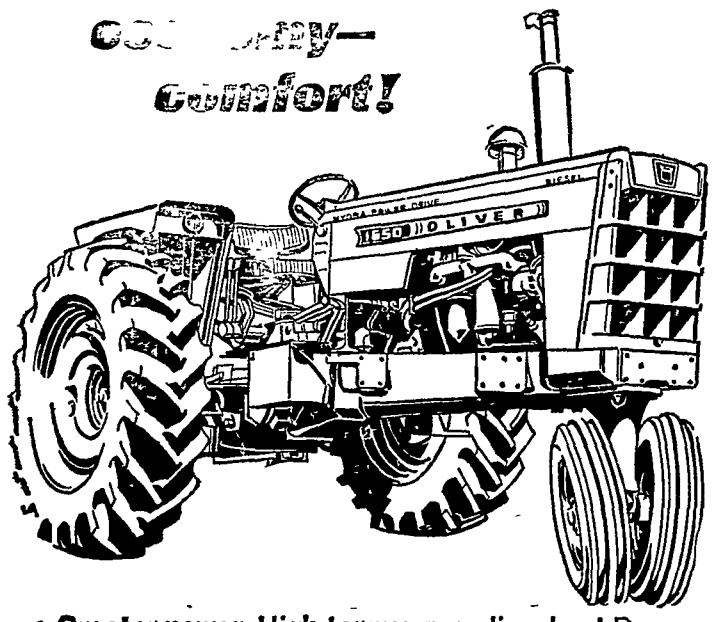
Inquire About Our Lease Plan

Approved for City of Philadelphia

Amos H. Rutt
R. D. 2, Quarryville, Penna.
786-3897

PATZ
Sales & Service
Barn Cleaners - Silo Unloaders - Cattle Feeders
Robert K. Rohrer
Quarryville, R. D. 1
Hensel KI 8-2559

OLIVER 1650
Row-Crop Tractor with [illegible] productivity— [illegible] ability— Comfort!



- **Greater power.** High-torque gas, diesel or LP-gas engines develop 66 pto observed hp—*certified* by Oliver!
- **Ideal design.** 3½ tons of weight, distributed ideally over long wheelbase produces greater pull, less slip.
- **New comfort.** 3-position Tilt-o-scope steering column . . . full hydraulic power steering . . . new deluxe comfort seat . . . new easy-read gauges including oil and amp.
- **No-stop shifting.** Hydra-Power Drive* cuts speed ¼, steps up pull ⅓ on the go . . . 12 forward speeds in all.
- **New efficiency.** Battery-saving alternator standard . . . new dry-type air cleaner keeps abrasives out of engine better.
- ***Tailored to need.*** New dual-speed pto* . . . Hydra-lectric* implement control system . . . choice of 3-pt. hitch or wide swinging drawbar.

*Special equipment

Come in now and see the most dynamic tractor fleet in history. They're all new, and all Oliver!

N. G. HERSHEY & SON
Manheim

CHAS. J. McCOMSEY & SONS
Hickory Hill, Pa.

FARMERSVILLE EQUIPMENT CO.
R. D. 2, Ephrata, Pa.

LET US GIVE YOUR

NEW HOLLAND Hayliner

A COMPLETE

TRIPLE CHECK NOW!

● CLEANING ● INSPECTION ● LUBRICATION

ACT NOW ....

TRIPLE CHECK Includes:

- Thorough engine cleaning or PTO checkup.
- Inspection and adjustment of pickup.
- Complete check of feeder area.
- [illegible]
- [illegible]
- Over[illegible]spection and lubrication.

Avoid delay[illegible]—
ARRANG[illegible]RIPLE CHECK NOW!

C. E. [illegible]Veley & Son
Quarryvill[illegible]
Ph. 786-2895

Pasteurize Eggs

(Continued from Page 13)

onella and the egg product ust be pasturized if tests are sitive. The pasteurization re- irement would apply to all g products except whites be- nning Jan. 1, 1966.

The amended regulations ould also require that all quid or frozen egg whites be:) pasteurized, or (2) tested r Salmonella, or (3) heat eated and tested for Salmo- lla, beginning June 1, 1965 ried egg whites, except for ose produced from pasteuriz- liquid, would be required be heat treated in dried m and tested for Salmo- lla beginning June 1, 1965.

FRIDAY, APRIL 2, 1965

Sale of Farm Equipment, Tractors, Tools and Machinery.

Located in Lincoln, Pa., Rt. 322 one mile North of Ephrata at the Garden Spot Equipment Auction, Inc.

For Information Call the following numbers

Area 717 733-7917 665-4806

Area 717 626-5244 354-5099

The BIGGEST

JOHN DEERE

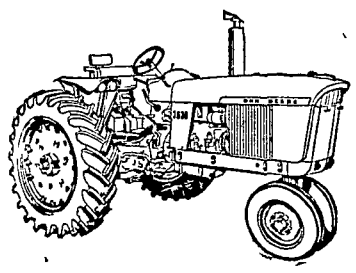
USED FARM EQUIPMENT SALE

OF THE YEAR

At LANDIS BROS., Inc.

DURING THE MONTH OF MARCH

PRICED TO SELL!



LANDIS BROS., INC.

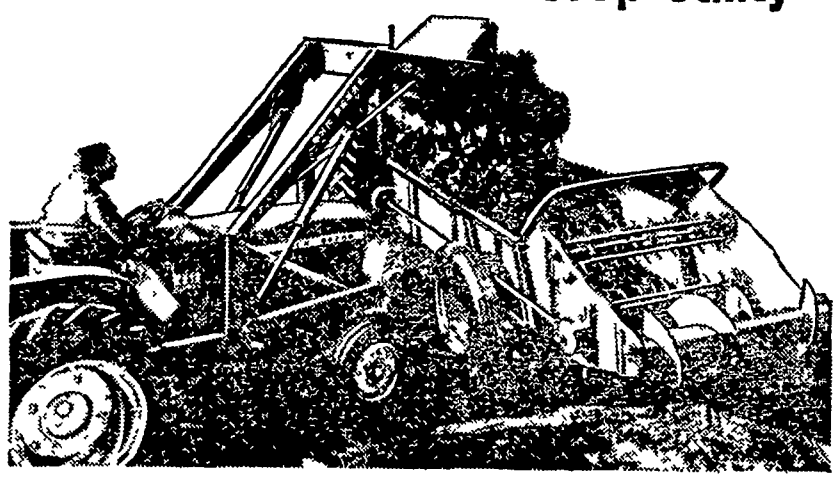
1305 Manheim Pike (1 Mile North of Lanc. on Rt. 72)

LANCASTER, PENNA. PH. 393-3906

One tractor does the work of two!

JOHN DEERE

John Deere 2010 Row-Crop Utility



Does EVERY JOB on many farms; offers up to 45 variable h.p.; has outstanding stability. That's the compact "2010" designed for row-crop *and* utility work. It's a low-profile surprise package with power to handle a 3-bottom plow fast; clearance to handle all cultivating jobs; stability for hillside security; adaptability for fast work with drawn, 3-point, mounted, and 540 or 1000 rpm tools. You'll like its part-throttle economy. We'll demonstrate. Have Credit Plan.

enger Implement Co. — uck — BU 4-4467

Alan Beyer — Christiana — LY 3-5687

H. S. Newcomer & Son — Mt. Joy — 653-3361

A. B. C. Groff, Inc. — ew Holland — 354-8001

Shotzberger's — Elm — 665-2141

Landis Bros. Inc. — Lancaster — 393-3906

JOHN DEERE

M. S. Yearsley & Sons — West Chester — 696-2990

PUBLIC SALE

— of —

FARM EQUIPMENT, HAY AND CORN

MONDAY, MARCH 29, 1965

Just off route 896, 1 mile South of 9 Points, Lancaster County, Pa.

New Holland oil burning hay dryer, 30' Ruth elevator, John Deere hay crimper, extension ladder, 2 unit DeLaval milkers, stainless steel strainers, pipe cutting tools, threaders up to 2", wrenches, old anvil, 2 electric drills, other small tools. 2 feed carts, corn and alfalfa hay by the ton.

Sale at 1:00 p.m. Terms by

E. E. BRUBAKER

Leroy Zook, Auctioneer

PARKCHESTER FARMS COMPLETE DISPERSAL

(With exception of few blemished cows)

MONDAY, MARCH 29

HARRISBURG, PENNA.

At the farm located on Rte. 22 on east edge of city of HARRISBURG, PA.

120 REGISTERED HOLSTEINS

(63 Milking Age — 25 Bred Heifers — 2 Service Bulls — Balance yrlgs. and calves)

Bang's Certified, T. B. Accred., Calf Vacc., Exam for preg., Mastitis tested, tests will be made for out of state shipment.

50 DAUGHTERS SELL BY OSBORNDALE IVANHOE!!!

30 are in milk now, balance younger. An extremely lovely group from top cow families.

HERD AVERAGE — 1963 66.7 16,373 M. 604 FAT !!

HERD AVERAGE — 1964 63. 17,004 M. 618 FAT !!

THESE HIGH RECORD YOUNG COWS ALL SELL !!

6 with from 813 to 874 fat, 2x. 12 with from 704 to 794 fat, 2x. 19 with from 600 to 694 fat, 2x. 9 with from 507 to 567 fat, 2x. 2 with 478 and 415 fat, 2x. 15 on test now with first calf. OTHER TOP SIRES REPRESENTED!! 12 by Cochran General; Maplebend Dean King Posch; Gray View Skyliner; Penstate Star Man; Blossomelle Black Gold; Milk & Honey Ivanhoe; Tum-A-Lum Woody Mistery (60.000). and others. 1964 SHOW RECORD — Parkchester had an extremely successful year at the SEPA District Show at Hershey, Pa. Complete details in Holstein World.

GOLDEN OPPORTUNITY — for any person wishing to get started in Purebreds. Herd is built on top cow families and show extreme stretch and scale with marvelous udders. Also top opportunity for 4-H and FFA people to select calves for this show season. You will virtually get first pick of this last crop of calves.

THERE ARE BOUND TO BE BARGAINS for everyone in every price bracket — Make sure YOU are there to take advantage of them.

Sale must start 11:00 A.M. Lunch Available

Catalogs Under Cover

R. AUSTIN BACKUS INC.
Sale Mgrs. & Auctioneers
Mexico, N. Y.

PARK SHEESLEY,
Owner,
Harrisburg, Pa.
Ph. 717 - 5450055

PUBLIC SALE

Sponsored by

BART TOWNSHIP FIRE CO.

ALL DAY

COMMISSION AND DONATION AUCTION

9:00 A.M.

Saturday, April 3, 1965

Located 6 miles Southeast of Strasburg, along Route 896 in Village of Georgetown, Lancaster County, Penna.

Six Pair of Mules, Ponies, Three Driving Horses

6 Tractors and all kinds of Farm Equipment including 2000 Tobacco Lath, Market Wagons, Buggies; 100 Locust Posts; New and Used Harness.

Full line of Blacksmith and Carpenter tools, 6 chain saws; Tons of Alfalfa, Timothy and Mixed Hay, three cribs of corn. 6 truck load new building material; Load of Potatoes in 50 lb. bags, Approximately 100 Aluminum Storm Sash; 25 Aluminum Storm Doors, (measure before coming to sale). Used Automobiles.

Household Goods and Antiques

All new or good used items will be accepted for sale on a commission basis. Many items expected that are not listed.

Items received April 1, 2 and morning of sale day. To avoid congestion, please bring items April 1 and 2.

Terms by

BART TWP. ACTIVE FIREMEN

Bud Gochenauer, John Becker, Abe Diffenbach, Aucts.

LUNCH BY LADIES' AUXILIARY

(No Hucksters Allowed)

Outstanding Egg Production Record By
Donald Miller, R. D. 2, Halifax, Pa.
With Musser M327 Leghorns

- 1200 pullets hatched April 27, 1964
- The pullets were raised in confinement in an uninsulated single deck house.
- At 6 months they were laying up to 590 eggs per day.

Culling and loss 4.17% — 1150 pullets housed

	Average Production	Large	Dozen Medium	Pullets and Peewees
1st two weeks of November	52.80%	122	224	302
Last two weeks of November	74.34%	275	607	114

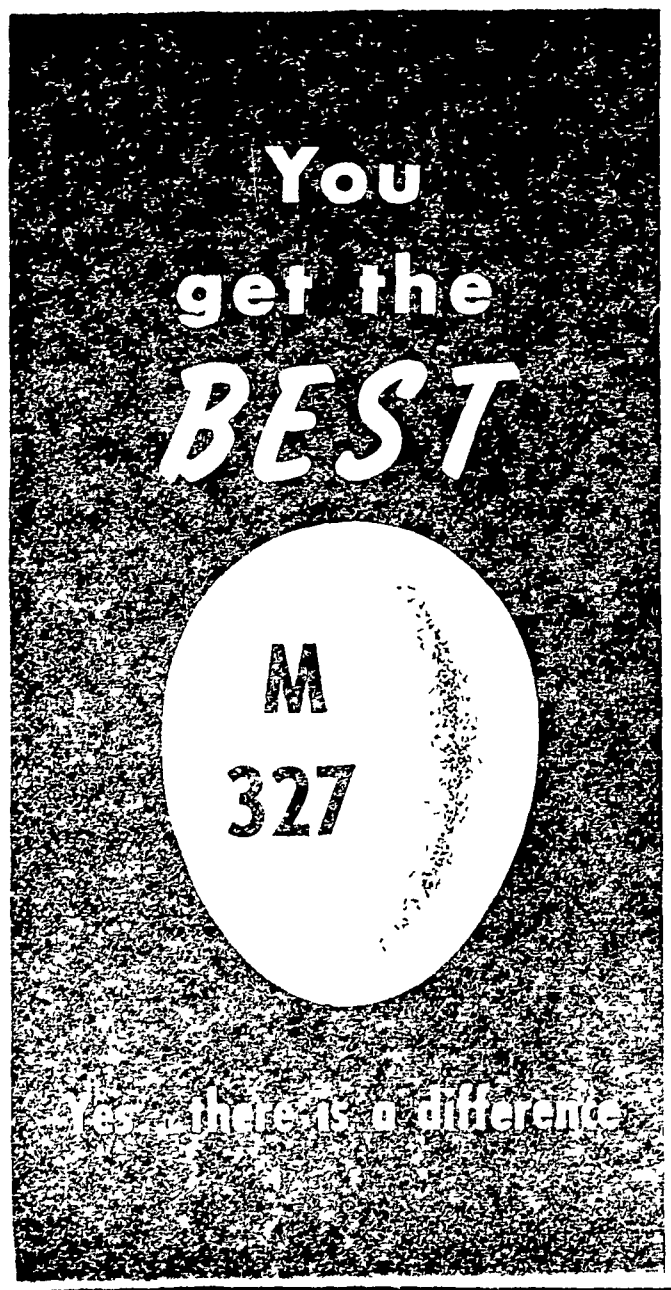
December 1st they peaked at 92.50% — for one week in December at 90%

				Pullets
Entire month of Dec. (28 day period)	84.79%	1241	964	60
January (35 day period)	74.75%	2055	357	—
February (28 day period)	67.01%	1617	111	—

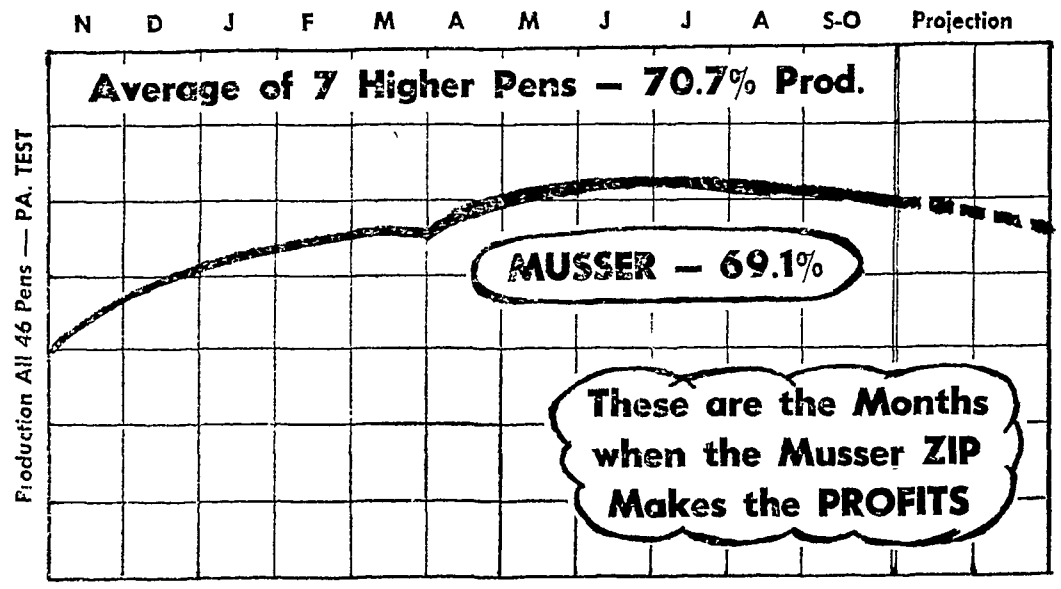
- There were practically no mediums after February.
- The loss averaged 1% per month.

Give Musser Pullets an opportunity to demonstrate their exceptional laying ability during the hot summer and early fall months.

A quality that is needed to give that extra profit.



MUSSER M327 LEGHORNS
100% — 92% — 69.1%



Heavy line shows position of Musser Leghorns among all pens in the 1964 Pa. Random Test in respect to egg production. This is from the start of 50% production and is projected for 2 months beyond end of test. This strong ZIP in production comes when many other pens are fading—when egg prices are strongest. **Other Musser features: 100% Chick livability; 92% Laying House Livability; 69.1% Hen-Day Production.**

SOUND INTERESTING? WRITE FOR DETAILS AND CHICK PRICES.

Musser Leghorn Farms, R. D. 1, Mt. Joy, Pa.